

Converting Colors

XYZ(79.2911, 92.1427, 96.1109)

Have a look what the booklet for
XYZ(79.2911, 92.1427, 96.1109)
contains.

XYZ(79.2197, 92.1074, 96.0413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.2197, 92.1074,
96.0413)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF0
RGB	214, 255, 240
RGB Percent	84%, 100%, 94%
CMY	0.1608, 0.0000, 0.0588
CMYK	0.16, 0.00, 0.06, 0.00
HSL	158°, 100%, 92%
HSV	158°, 16%, 100%
XYZ	79.2197, 92.1074, 96.0413
YIQ	241.0310, -19.6210, -13.3570

Conversions

Conversions Part 2

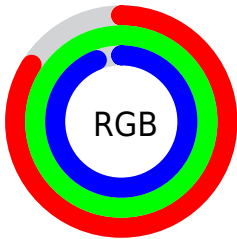
Format	Color
R_{YB}	214, 239, 255
Decimal	14090224
CIE _{Lab}	96.86, -15.94, 2.79
CIE _{LCh}	97, 16.180, 170.081
Yxy	92.1074, 0.2963, 0.3445
Android (android.graphics.Color)	4292280304 (0xFFD6FFF0)
YUV	241.0310, -0.5083, -23.7062
Hunter-Lab	95.9726, -20.6109, 7.8484

Details

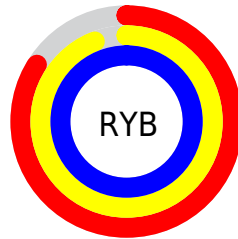
The XYZ color **79.2197, 92.1074, 96.0413** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.4299, 75.0112, 84.4210**, and the grayscale version is **83.6481, 88.0043, 95.8367**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1439, 51.2198, 52.9599** is the 20% darker color. If you saturate the color by 10%, you get **71.0006, 88.0263, 88.6083**, and if you desaturate by 10%, it is **88.6768, 96.8184, 103.9070**.

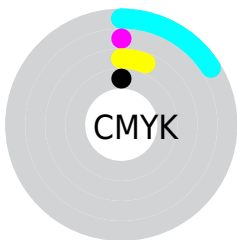
Distribution



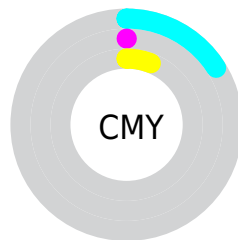
- Red (84%)
- Green (100%)
- Blue (94%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2197, 92.1074, 96.0413 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.2197, 92.1074, 96.0413 by changing the saturation by 10% instead.


 79.2197, 92.1074,
96.0413

 79.2197, 92.1074,
96.0413

481.0759,
534.8626, 568.5625

 59.3827, 69.7298,
72.4003

131.2244,
150.2622, 157.7103

 43.1688, 51.3063,
52.9969


164.1228,
186.8083, 196.5755

 30.2127, 36.4524,
37.4126


202.1058,
228.8460, 241.3524

 20.1490, 24.7838,
25.2288

245.5386,
276.7597, 292.4596

 12.6123, 15.9161,
16.0270

294.7867,
330.9338, 350.3157

 7.2373, 9.4648,
9.3887

350.2154,

 3.6586, 5.0456,

391.7527, 415.3392

4.8953

412.1900,
459.6008, 487.9486

■ 1.5108, 2.2740,
2.1283

■ 0.3332, 0.7599,
0.6325

■ 79.2197, 92.1074,
96.0413

■ 79.2197, 92.1074,
96.0413

■ 71.0006, 88.0263,
88.6083

■ 88.6768, 96.8184,
103.9070

■ 63.9618, 84.5456,
81.5956

95.0500, 100.0000,
108.9000

■ 58.0447, 81.6352,
74.9961

■ 53.1847, 79.2618,
68.8010

■ 49.3099, 77.3887,
63.0011

■ 46.3395, 75.9741,
57.5865

■ 44.1789, 74.9696,
52.5464

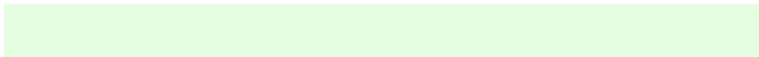
■ 42.7108, 74.3148,
47.8690

■ 42.2563, 74.1185,
46.1288

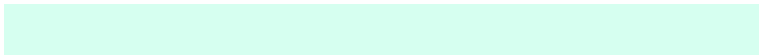
Harmonies

Analogous

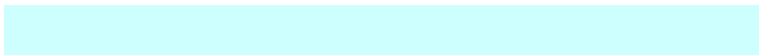
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0155, 92.1074, 85.0773



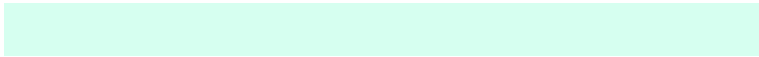
79.2197, 92.1074, 96.0413



79.5949, 92.1074, 109.1260

Triad

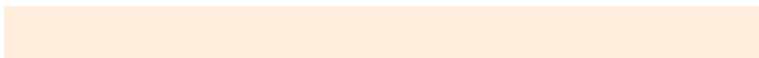
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2197, 92.1074, 96.0413



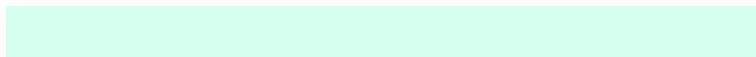
90.5788, 92.1074, 125.6676



93.2712, 92.1074, 82.3005

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.2197, 92.1074, 96.0413



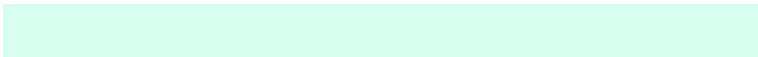
79.4299, 75.0112, 84.4210

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.0083, 92.1074, 91.9430



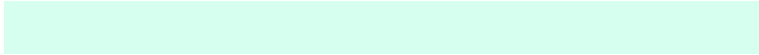
79.2197, 92.1074, 96.0413



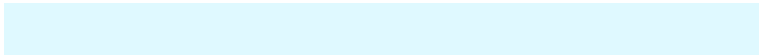
94.4170, 92.1074, 117.2144

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2197, 92.1074, 96.0413



86.0492, 92.1074, 127.0052



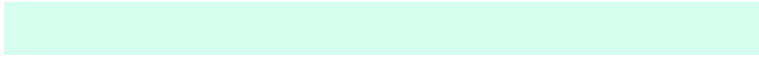
96.4347, 92.1074, 104.6608



89.0587, 92.1074, 77.6101

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



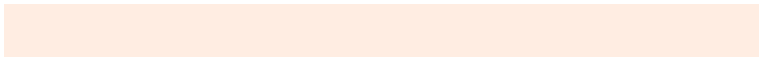
79.2197, 92.1074, 96.0413



81.0304, 92.1074, 117.2742



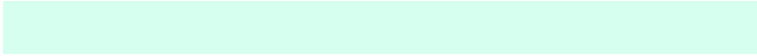
96.4347, 92.1074, 104.6608



94.4004, 92.1074, 85.0290

Sweetspot

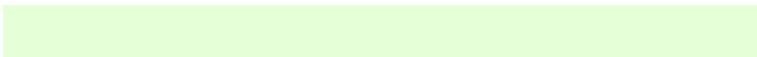
The Sweet Spot groups the original color and five complimentary colors.



79.2206, 92.1078, 96.0428



89.7719, 97.3647, 104.7805



80.2220, 93.0388, 77.3498



19.0617, 20.7636, 22.3053



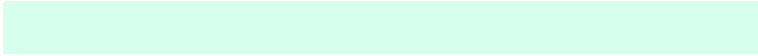
0.0000, 0.0000, 0.0000



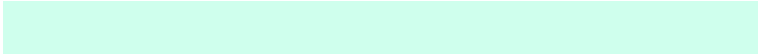
20.3446, 21.4041, 23.3091

Same Dimension

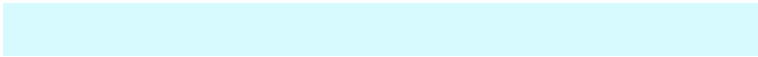
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2206, 92.1078, 96.0428



76.6930, 90.8512, 93.8261



79.8230, 89.5981, 107.6948



18.2564, 20.3621, 21.6531



22.1541, 38.7582, 24.4947



2.2097, 3.7948, 2.6619

Inverse Universe

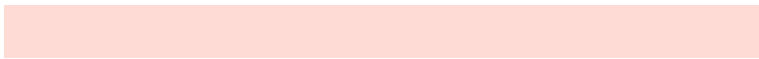
The Inverse Universe completely reimagines the original color for something new.



79.4299, 75.0112, 84.4210



76.9357, 71.0646, 80.3780



78.8317, 77.0229, 74.3316



18.2840, 18.0969, 20.1129



22.6531, 11.5505, 6.8239



2.2560, 1.1448, 0.9297

Previews

White Background



This preview shows how the XYZ color 79.2197, 92.1074, 96.0413 looks on a white background.

Color Contrast Check

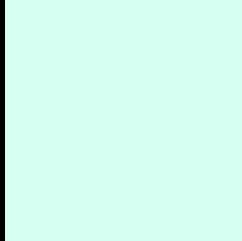
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.2197, 92.1074, 96.0413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

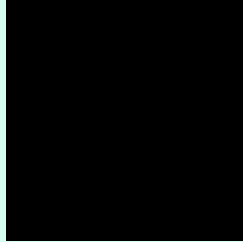
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

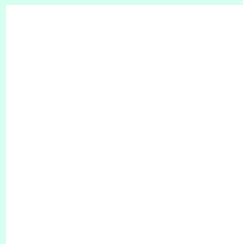
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2197, 92.1074, 96.0413

Background



This preview shows how black text looks on a background with the XYZ color 79.2197, 92.1074, 96.0413.



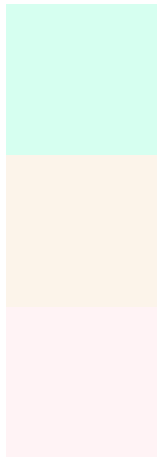
This preview shows how white text looks on a background with the XYZ color 79.2197, 92.1074,

96.0413.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.2197, 92.1074, 96.0413

Protanopia

87.3469, 91.3373, 90.8681

Deuteranopia

89.7720, 91.9538, 99.4036



Tritanopia

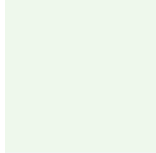
85.9028, 91.5744, 107.7558

Trichromacy



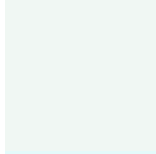
Original Color

79.2197, 92.1074, 96.0413



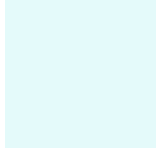
Protanomaly

83.9676, 91.3681, 92.5671



Deuteranomaly

85.3736, 91.5179, 97.9591



Tritanomaly

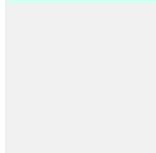
83.4358, 91.7673, 103.7578

Monochromacy



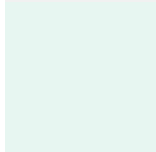
Original Color

79.2197, 92.1074, 96.0413



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7879, 89.2513, 96.1356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2197, 92.1074, 96.0413 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.2197, 92.1074, 96.0413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 255, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 255, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2197, 92.1074, 96.0413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
255, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor