

Converting Colors

XYZ(79.4287, 92.1909, 97.1476)

Have a look what the booklet for
XYZ(79.4287, 92.1909, 97.1476)
contains.

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Color

**XYZ(79.3687, 92.1670,
96.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF1
RGB	214, 255, 241
RGB Percent	84%, 100%, 95%
CMY	0.1608, 0.0000, 0.0549
CMYK	0.16, 0.00, 0.05, 0.00
HSL	160°, 100%, 92%
HSV	160°, 16%, 100%
XYZ	79.3687, 92.1670, 96.8259
YIQ	241.1450, -19.9420, -13.0460

Conversions

Conversions Part 2

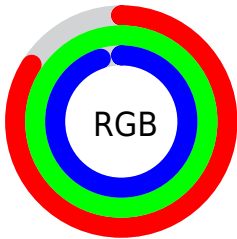
Format	Color
R_{YB}	214, 239, 255
Decimal	14090225
CIE _{Lab}	96.89, -15.75, 2.31
CIE _{LCh}	97, 15.916, 171.661
Y _{xy}	92.1670, 0.2958, 0.3434
Android (android.graphics.Color)	4292280305 (0xFFD6FFF1)
YUV	241.1450, -0.0715, -23.8062
Hunter-Lab	96.0036, -20.4358, 7.4047

Details

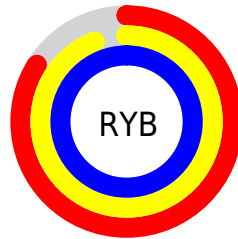
The XYZ color **79.3687, 92.1670, 96.8259** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.2907, 74.9556, 83.6877**, and the grayscale version is **83.7347, 88.0954, 95.9359**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2491, 51.2619, 53.5140** is the 20% darker color. If you saturate the color by 10%, you get **71.2304, 88.1182, 89.8183**, and if you desaturate by 10%, it is **88.7359, 96.8421, 104.2185**.

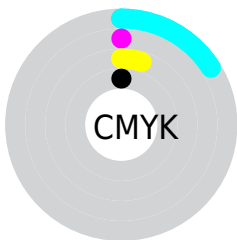
Distribution



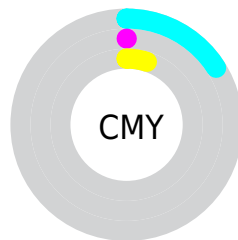
- Red (84%)
- Green (100%)
- Blue (95%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3687, 92.1670, 96.8259 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 79.3687, 92.1670, 96.8259 by changing the saturation by 10% instead.

79.3687, 92.1670,
96.8259

79.3687, 92.1670,
96.8259

481.5718,
535.0551, 571.1270

59.5057, 69.7793,
73.0503

131.4330,
150.3448, 158.8020

43.2683, 51.3467,
53.5251

164.3650,
186.9038, 197.8396

30.2911, 36.4846,
37.8315

202.3839,
228.9553, 242.8016

20.2088, 24.8087,
25.5511

245.8553,
276.8838, 294.1066

12.6561, 15.9346,
16.2654

295.1444,
331.0736, 352.1731

7.2675, 9.4779,
9.5558

350.6166,

3.6778, 5.0542,

391.9092, 417.4196

5.0037

412.6373,
459.7749, 490.2647

■ 1.5215, 2.2791,
2.1906

■ 0.3404, 0.7626,
0.6690

■ 79.3687, 92.1670,
96.8259

■ 79.3687, 92.1670,
96.8259

■ 71.2304, 88.1182,
89.8183

■ 88.7359, 96.8421,
104.2185

■ 64.2635, 84.6663,
83.1840

95.0500, 100.0000,
108.9000

■ 58.4096, 81.7811,
76.9173

■ 53.6042, 79.4296,
71.0105

■ 49.7760, 77.5751,
65.4554

■ 46.8441, 76.1760,
60.2434

■ 44.7142, 75.1837,
55.3650

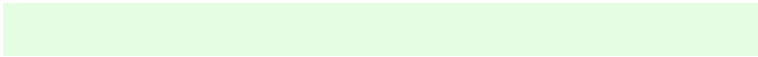
■ 43.2692, 74.5381,
50.8095

■ 42.8217, 74.3447,
49.1066

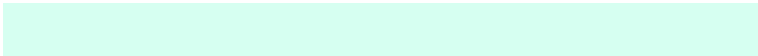
Harmonies

Analogous

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



81.0308, 92.1670, 85.8440



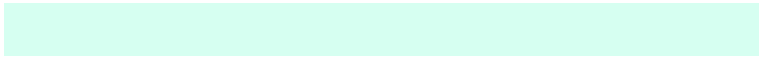
79.3687, 92.1670, 96.8259



79.8530, 92.1670, 109.7188

Triad

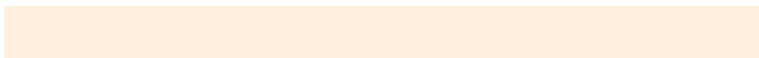
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3687, 92.1670, 96.8259



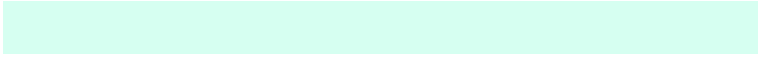
90.8135, 92.1670, 125.0183



93.0434, 92.1670, 82.2557

Complementary

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



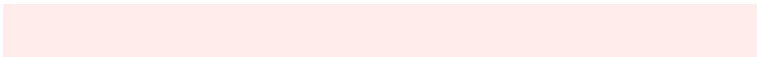
79.3687, 92.1670, 96.8259



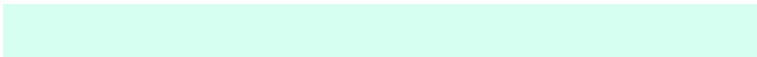
79.2907, 74.9556, 83.6877

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.



95.8367, 92.1670, 91.5382



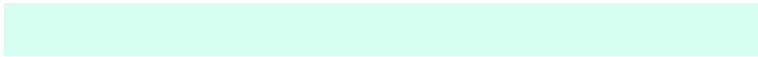
79.3687, 92.1670, 96.8259



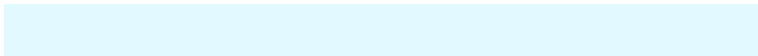
94.5191, 92.1670, 116.4138

Square

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



79.3687, 92.1670, 96.8259



86.3612, 92.1670, 126.7376



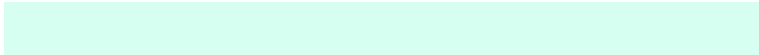
96.3858, 92.1670, 103.9672



88.8546, 92.1670, 77.9126

Rectangle

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



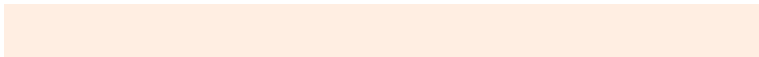
79.3687, 92.1670, 96.8259



81.3353, 92.1670, 117.6252



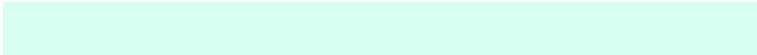
96.3858, 92.1670, 103.9672



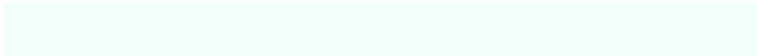
94.1825, 92.1670, 84.8624

Sweetspot

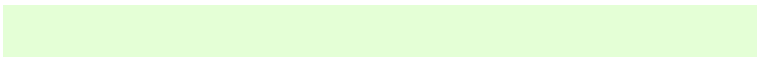
The Sweet Spot groups the original color and five complimentary colors.



79.3696, 92.1674, 96.8274



89.8208, 97.3843, 105.0380



80.0043, 92.9266, 77.3396



19.0736, 20.7684, 22.3680



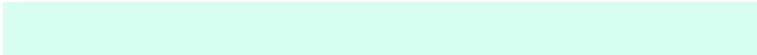
0.0000, 0.0000, 0.0000



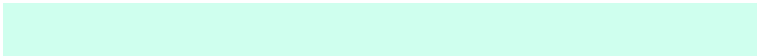
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3696, 92.1674, 96.8274



76.8665, 90.9206, 94.7399



79.6116, 89.1753, 107.6243



18.2759, 20.3699, 21.7556



22.4481, 38.8758, 26.0426



2.2370, 3.8057, 2.8056

Inverse Universe

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



79.2907, 74.9556, 83.6877



76.7757, 71.0006, 79.5354



79.0109, 77.3812, 74.3914



18.2653, 18.0894, 20.0142



22.5116, 11.4939, 6.0787



2.2407, 1.1387, 0.8490

Previews

White Background



This preview shows how the XYZ color 79.3687, 92.1670, 96.8259 looks on a white background.

Color Contrast Check

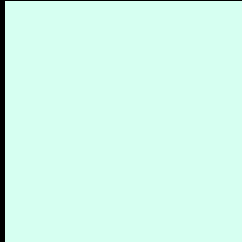
Large Text (above 18pt) WCAG AA × Fail

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 79.3687, 92.1670, 96.8259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

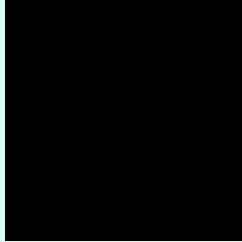
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

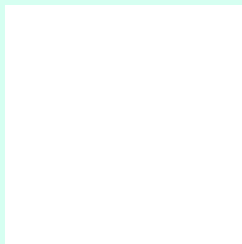
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3687, 92.1670, 96.8259

Background



This preview shows how black text looks on a background with the XYZ color 79.3687, 92.1670, 96.8259.



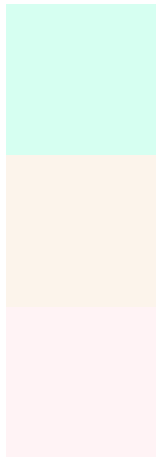
This preview shows how white text looks on a background with the XYZ color 79.3687, 92.1670,

96.8259.

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

79.3687, 92.1670, 96.8259

Protanopia

87.4910, 91.3950, 91.6270

Deuteranopia

89.7720, 91.9538, 99.4036



Tritanopia

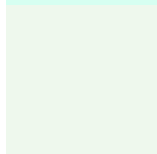
85.9028, 91.5744, 107.7558

Trichromacy



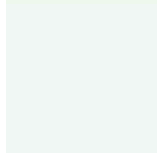
Original Color

79.3687, 92.1670, 96.8259



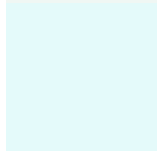
Protanomaly

84.1134, 91.4264, 93.3346



Deuteranomaly

85.5251, 91.5784, 98.7567



Tritanomaly

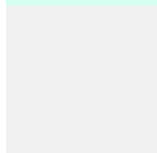
83.4358, 91.7673, 103.7578

Monochromacy



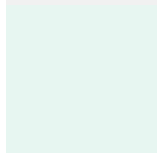
Original Color

79.3687, 92.1670, 96.8259



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 79.3687, 92.1670, 96.8259 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.3687, 92.1670, 96.8259 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, 241) }
```


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

```
.border{ border-color:rgb(214, 255, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3687, 92.1670, 96.8259 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, 241) }
```

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

```
.background{ background-color: rgb(214,  
255, 241) }
```

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](#).

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