Converting Colors

XYZ(79.2336, 92.1197, 95.8094)

Have a look what the booklet for XYZ(79.2336, 92.1197, 95.8094) contains.

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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

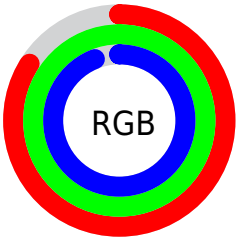
Format	Color
RYB	214, 239, 255
Decimal	14090224
CIELab	96.86, -15.94, 2.79
CIELCh	97, 16.180, 170.081
Yxy	92.1074, 0.2963, 0.3445
Android (android.graphics.Color)	4292280304 (0xFFD6FFF0)
YUV	241.0310, -0.5083, -23.7062
Hunter-Lab	95.9726, -20.6109, 7.8484

Details

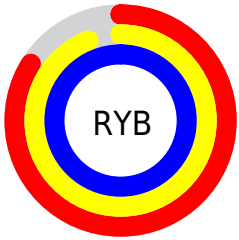
The XYZ color 79.2197, 92.1074, 96.0413 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 79.4299, 75.0112, 84.4210, and the grayscale version is 83.6481, 88.0043, 95.8367.

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.

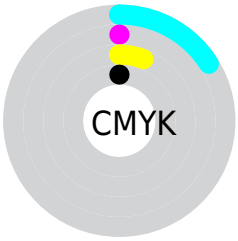
Distribution



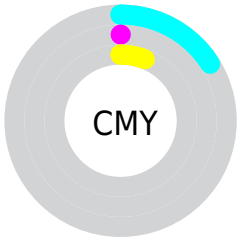
- Red (84%)
- Green (100%)
- Blue (94%)



- 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

412.1900, 459.6008, 487.9486

4.8953

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

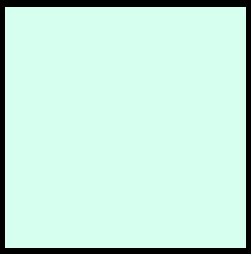
White Background

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



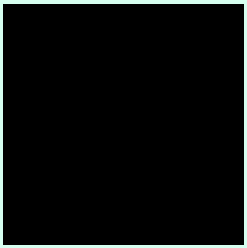
This preview shows how the XYZ color 79.2197, 92.1074, 96.0413 looks on a black background.

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.

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