

Converting Colors

XYZ(79.0706, 91.9691, 98.8098)

Have a look what the booklet for
XYZ(79.0706, 91.9691, 98.8098)
contains.

XYZ(79.2405, 92.0487, 99.1787)	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(79.2405, 92.0487,
99.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFF4
RGB	212, 255, 244
RGB Percent	83%, 100%, 96%
CMY	0.1686, 0.0000, 0.0431
CMYK	0.17, 0.00, 0.04, 0.00
HSL	165°, 100%, 92%
HSV	165°, 17%, 100%
XYZ	79.2405, 92.0487, 99.1787
YIQ	240.8890, -22.0970, -12.5370

Conversions

Conversions Part 2

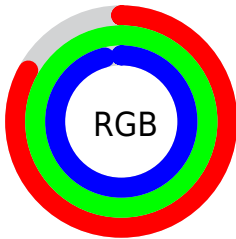
Format	Color
RYB	212, 237, 255
Decimal	13959156
CIELab	96.84, -15.79, 0.68
CIElCh	97, 15.808, 177.536
Yxy	92.0487, 0.2930, 0.3403
Android (android.graphics.Color)	4292149236 (0xFFD4FFF4)
YUV	240.8890, 1.5337, -25.3357
Hunter-Lab	95.9420, -20.4717, 5.8692

Details

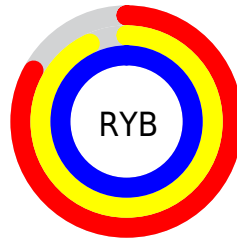
The XYZ color **79.2405, 92.0487, 99.1787** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.1034, 73.6758, 79.9166**, and the grayscale version is **83.5223, 87.8719, 95.6925**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1758, 51.1871, 55.1814** is the 20% darker color. If you saturate the color by 10%, you get **71.4881, 88.1646, 93.7381**, and if you desaturate by 10%, it is **88.1906, 96.5462, 104.8613**.

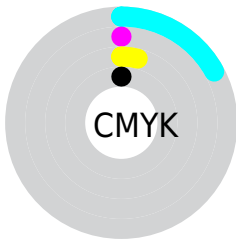
Distribution



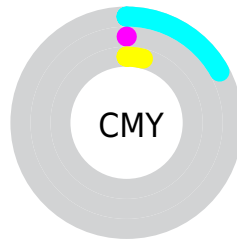
- Red (83%)
- Green (100%)
- Blue (96%)



- Red (83%)
- Yellow (93%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2405, 92.0487, 99.1787 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 79.2405, 92.0487, 99.1787 by changing the saturation by 10% instead.

79.2405, 92.0487,
99.1787

79.2405, 92.0487,
99.1787

481.1452,
534.6729, 578.7805

59.3999, 69.6811,
75.0018

131.2535,
150.1809, 162.0701

43.1827, 51.2666,
55.1126

164.1566,
186.7142, 201.6216

30.2236, 36.4208,
39.0927

202.1446,
228.7383, 247.1351

20.1573, 24.7594,
26.5234

245.5829,
276.6375, 299.0290

12.6184, 15.8979,
16.9864

294.8367,
330.7961, 357.7220

7.2415, 9.4519,
10.0629

350.2714,

3.6612, 5.0371,

391.5986, 423.6325

5.3345

412.2525,
459.4294, 497.1792

■ 1.5123, 2.2690,
2.3827

■ 0.3342, 0.7573,
0.7770

■ 79.2405, 92.0487,
99.1787

■ 79.2405, 92.0487,
99.1787

■ 71.4881, 88.1646,
93.7381

■ 88.1906, 96.5462,
104.8613

■ 64.8761, 84.8644,
88.5305

95.0500, 100.0000,
108.9000

■ 59.3462, 82.1181,
83.5527

■ 54.8340, 79.8925,
78.7999

■ 51.2680, 78.1508,
74.2667

■ 48.5671, 76.8512,
69.9473

■ 46.6362, 75.9448,
65.8353

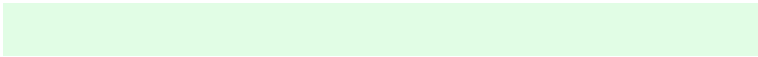
■ 45.3549, 75.3695,
61.9230

■ 45.0297, 75.2279,
60.7334

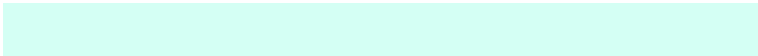
Harmonies

Analogous

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



80.4875, 92.0487, 87.6751



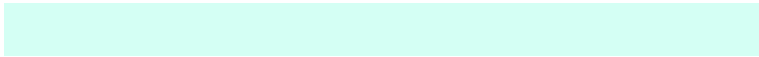
79.2405, 92.0487, 99.1787



80.1411, 92.0487, 111.9496

Triad

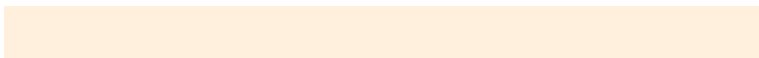
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2405, 92.0487, 99.1787



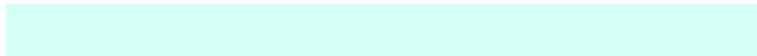
91.4929, 92.0487, 123.4874



92.1489, 92.0487, 80.9930

Complementary

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



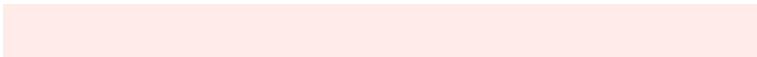
79.2405, 92.0487, 99.1787



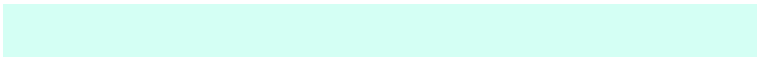
78.1034, 73.6758, 79.9166

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.



95.2739, 92.0487, 89.3497



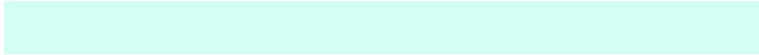
79.2405, 92.0487, 99.1787



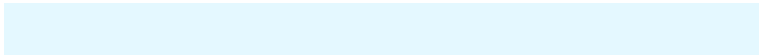
94.8863, 92.0487, 113.9196

Square

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



79.2405, 92.0487, 99.1787



87.1233, 92.0487, 126.6691



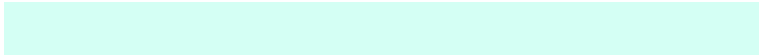
96.2921, 92.0487, 101.2794



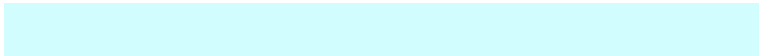
87.8568, 92.0487, 77.7446

Rectangle

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



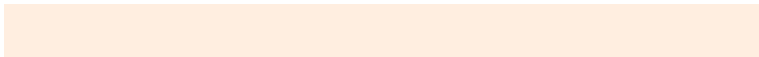
79.2405, 92.0487, 99.1787



81.8557, 92.0487, 119.3502



96.2921, 92.0487, 101.2794



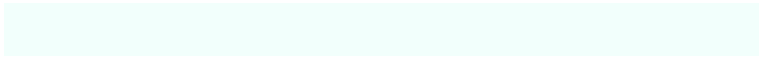
93.3761, 92.0487, 83.2612

Sweetspot

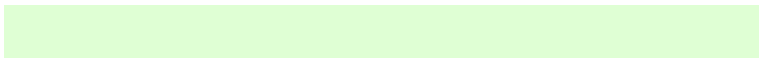
The Sweet Spot groups the original color and five complimentary colors.



79.2414, 92.0491, 99.1802



89.9931, 97.4532, 105.9458



78.2199, 92.0360, 75.9309



19.1155, 20.7852, 22.5889



0.0000, 0.0000, 0.0000



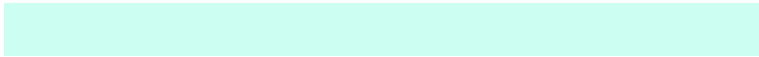
20.3446, 21.4041, 23.3091

Same Dimension

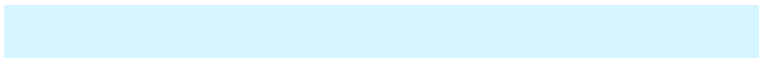
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2414, 92.0491, 99.1802



76.6821, 90.7655, 97.4469



77.8445, 86.5023, 107.2015



18.3447, 20.3974, 22.1183



23.5928, 39.3337, 32.0704



2.3414, 3.8475, 3.3557

Inverse Universe

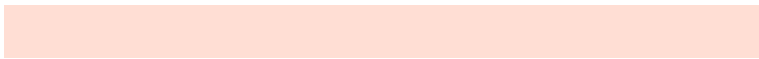
The Inverse Universe completely reimagines the original color for something new.



78.1034, 73.6758, 79.9166



75.3631, 69.4578, 75.1110



79.2545, 78.2747, 73.2202



18.2000, 18.0633, 19.6704



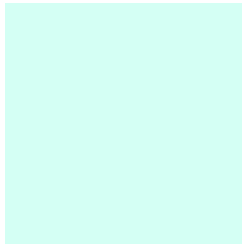
22.1015, 11.3299, 3.9188



2.1940, 1.1200, 0.6028

Previews

White Background



This preview shows how the XYZ color 79.2405, 92.0487, 99.1787 looks on a white background.

Color Contrast Check

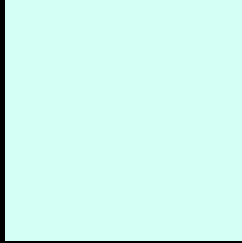
Large Text (above 18pt) WCAG AA × Fail

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 79.2405, 92.0487, 99.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

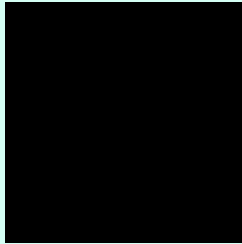
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

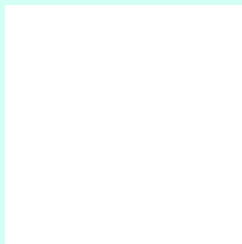
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2405, 92.0487, 99.1787

Background



This preview shows how black text looks on a background with the XYZ color 79.2405, 92.0487, 99.1787.



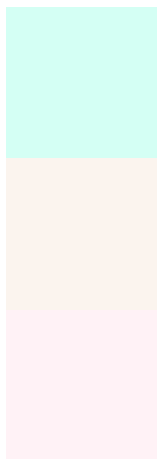
This preview shows how white text looks on a background with the XYZ color 79.2405, 92.0487,

99.1787.

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

79.2405, 92.0487, 99.1787

Protanopia

87.5670, 91.3836, 93.9125

Deuteranopia

89.6267, 91.4181, 100.1104



Tritanopia

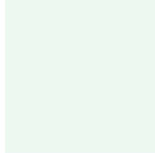
85.9028, 91.5744, 107.7558

Trichromacy



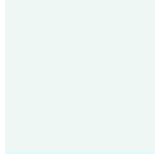
Original Color

79.2405, 92.0487, 99.1787



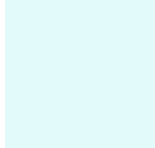
Protanomaly

84.2206, 91.4306, 95.6470



Deuteranomaly

85.3388, 91.4648, 99.5428



Tritanomaly

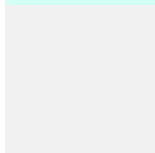
83.2767, 91.6671, 104.5712

Monochromacy



Original Color

79.2405, 92.0487, 99.1787



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6159, 89.1453, 96.9096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2405, 92.0487, 99.1787 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(212, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 244)  
}
```

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(212, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.2405, 92.0487, 99.1787 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(212, 255, 244) }
```


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

```
.border{ border-color:rgb(212, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2405, 92.0487, 99.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 244) }
```

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

```
.background{ background-color: rgb(212,  
255, 244) }
```

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