

Converting Colors

XYZ(79.8125, 92.2262,
104.5068)

Have a look what the booklet for
XYZ(79.8125, 92.2262, 104.5068)
contains.

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Color

**XYZ(79.7509, 92.1867,
104.8573)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFFB
RGB	210, 255, 251
RGB Percent	82%, 100%, 98%
CMY	0.1765, 0.0000, 0.0157
CMYK	0.18, 0.00, 0.02, 0.00
HSL	175°, 100%, 91%
HSV	175°, 18%, 100%
XYZ	79.7509, 92.1867, 104.8573
YIQ	241.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

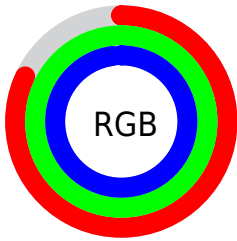
Format	Color
R_{YB}	210, 234, 255
Decimal	13828091
CIE Lab	96.90, -15.03, -2.85
CIE LCh	97, 15.297, 190.756
Yxy	92.1867, 0.2881, 0.3331
Android (android.graphics.Color)	4292018171 (0xFFD2FFFB)
YUV	241.0890, 4.8861, -27.2651
Hunter-Lab	96.0139, -19.7590, 2.4588

Details

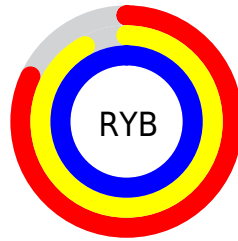
The XYZ color **79.7509, 92.1867, 104.8573** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4248, 72.2094, 73.5284**, and the grayscale version is **83.6560, 88.0126, 95.8458**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5620, 51.2969, 59.2351** is the 20% darker color. If you saturate the color by 10%, you get **72.7054, 88.5956, 102.6755**, and if you desaturate by 10%, it is **87.9593, 96.3767, 107.1188**.

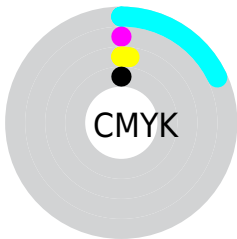
Distribution



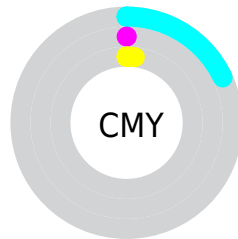
- Red (82%)
- Green (100%)
- Blue (98%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7509, 92.1867, 104.8573 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 79.7509, 92.1867, 104.8573 by changing the saturation by 10% instead.

79.7509, 92.1867,
104.8573

79.7509, 92.1867,
104.8573

482.8423,
535.1187, 597.0351

59.8212, 69.7957,
79.7238

131.9678,
150.3721, 169.9262

43.5234, 51.3600,
58.9663

164.9857,
186.9354, 210.6988

30.4923, 36.4952,
42.1661

203.0970,
228.9914, 257.5214

20.3625, 24.8169,
28.9049

246.6671,
276.9248, 310.8127

12.7686, 15.9407,
18.7639

296.0613,
331.1198, 370.9912

7.3453, 9.4822,
11.3247

351.6450,

3.7272, 5.0570,

391.9609, 438.4754

6.1688

413.7835,
459.8324, 513.6838

■ 1.5490, 2.2808,
2.8775

■ 0.3588, 0.7635,
1.0324

■ 79.7509, 92.1867,
104.8573

■ 79.7509, 92.1867,
104.8573

■ 72.7054, 88.5956,
102.6755

■ 87.9593, 96.3767,
107.1188

■ 66.7654, 85.5739,
100.5662

95.0500, 100.0000,
108.9000

■ 61.8726, 83.0916,
98.5281

■ 57.9624, 81.1154,
96.5581

■ 54.9631, 79.6083,
94.6527

■ 52.7931, 78.5282,
92.8081

■ 51.3562, 77.8255,
91.0196

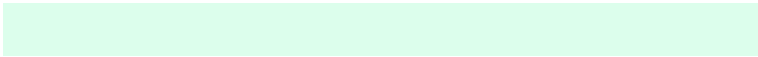
■ 50.5254, 77.4348,
89.2812

■ 50.3742, 77.3657,
88.8773

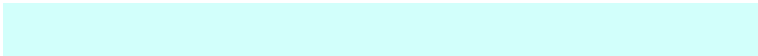
Harmonies

Analogous

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



80.0485, 92.1867, 92.7762



79.7509, 92.1867, 104.8573



81.5093, 92.1867, 116.6312

Triad

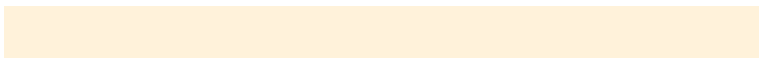
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7509, 92.1867, 104.8573



93.1266, 92.1867, 119.3900



90.3724, 92.1867, 79.6498

Complementary

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



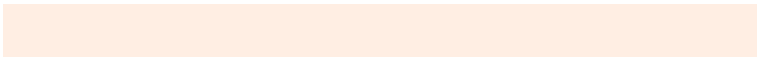
79.7509, 92.1867, 104.8573



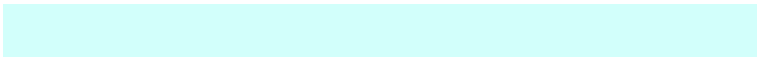
76.4248, 72.2094, 73.5284

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.



94.0302, 92.1867, 85.7053



79.7509, 92.1867, 104.8573



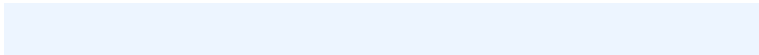
95.6559, 92.1867, 108.3791

Square

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



79.7509, 92.1867, 104.8573



89.1719, 92.1867, 125.4659



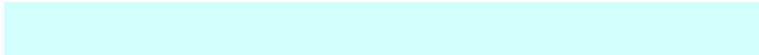
95.9919, 92.1867, 96.0235



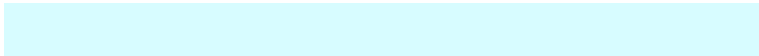
86.0876, 92.1867, 78.8753

Rectangle

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



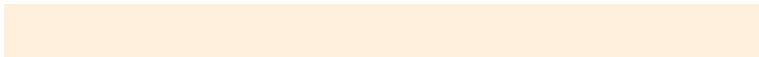
79.7509, 92.1867, 104.8573



83.6456, 92.1867, 122.4727



95.9919, 92.1867, 96.0235



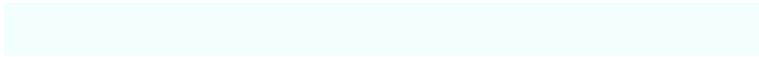
91.7198, 92.1867, 81.1104

Sweetspot

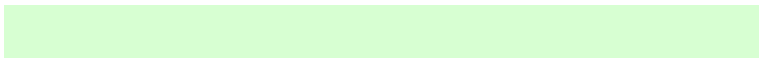
The Sweet Spot groups the original color and five complimentary colors.



79.7519, 92.1871, 104.8588



90.3319, 97.5888, 107.7299



75.2715, 90.5451, 74.4840



19.1981, 20.8182, 23.0238



0.0000, 0.0000, 0.0000



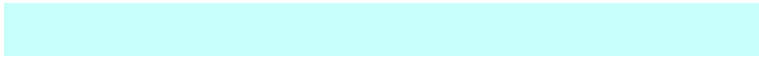
20.3446, 21.4041, 23.3091

Same Dimension

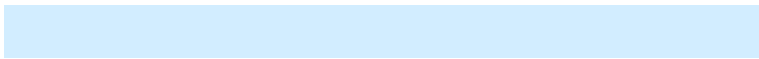
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7519, 92.1871, 104.8588



77.2618, 90.9173, 104.1182



74.9134, 81.4909, 106.3887



18.4811, 20.4520, 22.8367



26.3504, 40.4368, 46.5921



2.5852, 3.9450, 4.6396

Inverse Universe

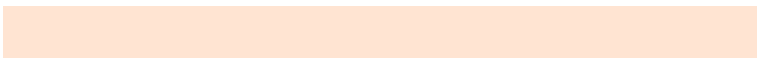
The Inverse Universe completely reimagines the original color for something new.



76.4248, 72.2094, 73.5284



73.3976, 67.7098, 67.7260



80.6169, 81.4008, 72.4372



18.0749, 18.0133, 19.0116



21.6499, 11.1493, 1.5410



2.1292, 1.0940, 0.2616

Previews

White Background



This preview shows how the XYZ color 79.7509, 92.1867, 104.8573 looks on a white background.

Color Contrast Check

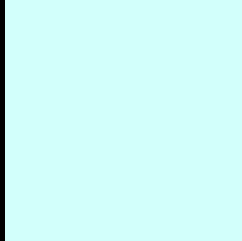
Large Text (above 18pt) WCAG AA × Fail

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 79.7509, 92.1867, 104.8573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

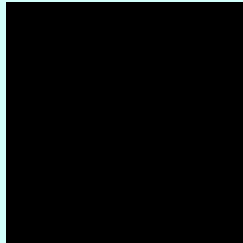
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

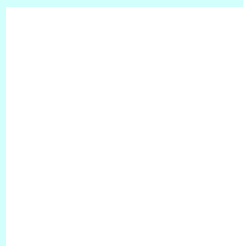
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7509, 92.1867, 104.8573

Background



This preview shows how black text looks on a background with the XYZ color 79.7509, 92.1867, 104.8573.

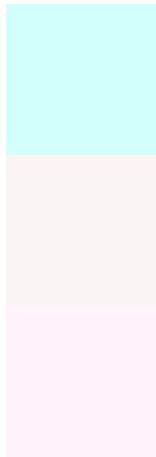


This preview shows how white text looks on a background with the XYZ color 79.7509, 92.1867,

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

79.7509, 92.1867, 104.8573

Protanopia

88.2565, 91.6179, 99.4186

Deuteranopia

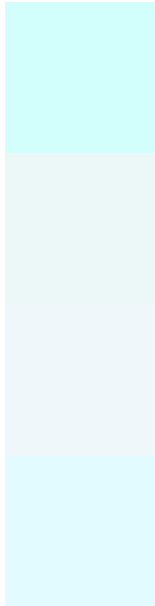
90.2474, 91.6664, 103.3793



Tritanopia

85.8784, 92.0170, 107.8425

Trichromacy



Original Color

79.7509, 92.1867, 104.8573

Protanomaly

84.6169, 91.5124, 101.1996

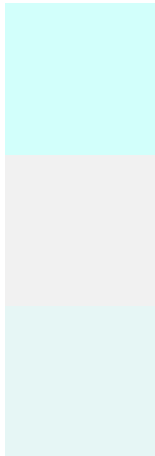
Deuteranomaly

86.1127, 91.7744, 103.6181

Tritanomaly

83.7506, 92.3189, 107.1711

Monochromacy



Original Color

79.7509, 92.1867, 104.8573

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.0703, 89.3271, 99.3025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7509, 92.1867, 104.8573 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(210, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 251)  
}
```

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(210, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 79.7509, 92.1867, 104.8573 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(210, 255, 251) }
```


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

```
.border{ border-color:rgb(210, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7509, 92.1867, 104.8573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 251) }
```

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

```
.background{ background-color: rgb(210,  
255, 251) }
```

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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