

Converting Colors

XYZ(79.5029, 92.0246,
106.3900)

Have a look what the booklet for
XYZ(79.5029, 92.0246, 106.3900)
contains.

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Color

**XYZ(79.5020, 92.0217,
106.5003)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFFD
RGB	208, 255, 253
RGB Percent	82%, 100%, 99%
CMY	0.1843, 0.0000, 0.0078
CMYK	0.18, 0.00, 0.01, 0.00
HSL	177°, 100%, 91%
HSV	177°, 18%, 100%
XYZ	79.5020, 92.0217, 106.5003
YIQ	240.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

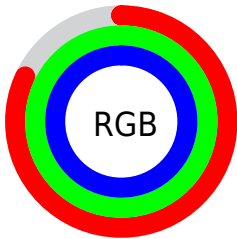
Format	Color
R _Y B	208, 232, 255
Decimal	13697021
CIE Lab	96.83, -15.23, -4.00
CIE LCh	97, 15.745, 194.707
Yxy	92.0217, 0.2860, 0.3310
Android (android.graphics.Color)	4291887101 (0xFFD0FFFD)
YUV	240.7190, 6.0545, -28.6946
Hunter-Lab	95.9279, -19.9388, 1.3251

Details

The XYZ color **79.5020, 92.0217, 106.5003** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.4294, 71.0261, 70.7070**, and the grayscale version is **83.3573, 87.6983, 95.5035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2948, 51.1460, 59.8148** is the 20% darker color. If you saturate the color by 10%, you get **72.7279, 88.5494, 105.2856**, and if you desaturate by 10%, it is **87.4317, 96.0896, 107.7771**.

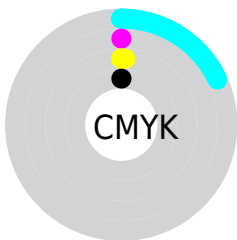
Distribution



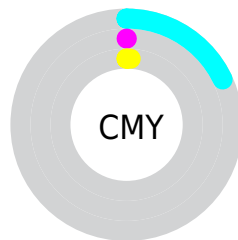
- Red (82%)
- Green (100%)
- Blue (99%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5020, 92.0217, 106.5003 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 79.5020, 92.0217, 106.5003 by changing the saturation by 10% instead.

79.5020, 92.0217,
106.5003

79.5020, 92.0217,
106.5003

482.0151,
534.5856, 602.2620

59.6157, 69.6587,
81.0932

131.6195,
150.1435, 172.1913

43.3572, 51.2483,
60.0869

164.5815,
186.6710, 213.3122

30.3612, 36.4063,
43.0629

202.6327,
228.6888, 260.5082

20.2624, 24.7481,
29.6027

246.1385,
276.5812, 314.1977

12.6953, 15.8895,
19.2877

295.4643,
330.7327, 374.7993

7.2946, 9.4460,
11.6995

350.9754,

3.6950, 5.0332,

391.5277, 442.7315

6.4193

413.0373,
459.3506, 518.4129

■ 1.5311, 2.2668,
3.0288

■ 0.3468, 0.7560,
1.1094

■ 79.5020, 92.0217,
106.5003

■ 79.5020, 92.0217,
106.5003

■ 72.7279, 88.5494,
105.2856

■ 87.4317, 96.0896,
107.7771

■ 67.0514, 85.6429,
104.1259

95.0500, 100.0000,
108.9000

■ 62.4141, 83.2719,
103.0200

■ 58.7508, 81.4030,
101.9647

■ 55.9892, 79.9988,
100.9568

■ 54.0466, 79.0167,
99.9922

■ 52.8255, 78.4064,
99.0665

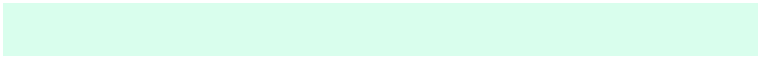
■ 52.1892, 78.0974,
98.1732

■ 52.1132, 78.0613,
98.0346

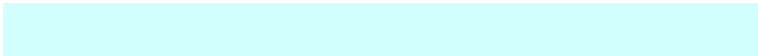
Harmonies

Analogous

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



79.5231, 92.0217, 93.9153



79.5020, 92.0217, 106.5003



81.5644, 92.0217, 118.3037

Triad

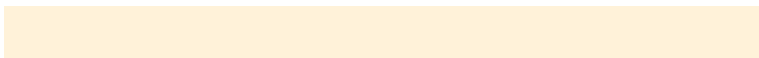
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5020, 92.0217, 106.5003



93.5770, 92.0217, 118.5001



89.7236, 92.0217, 78.5134

Complementary

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



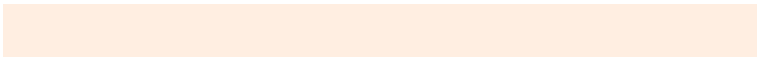
79.5020, 92.0217, 106.5003



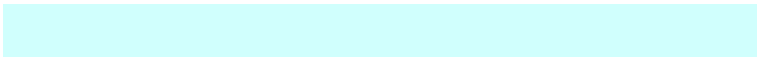
75.4294, 71.0261, 70.7070

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.



93.6412, 92.0217, 84.0373



79.5020, 92.0217, 106.5003



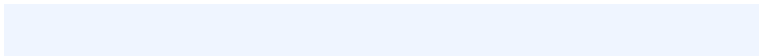
95.9164, 92.0217, 106.7506

Square

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



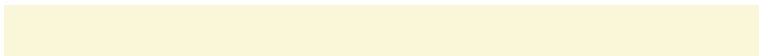
79.5020, 92.0217, 106.5003



89.6383, 92.0217, 125.6175



95.9403, 92.0217, 94.1455



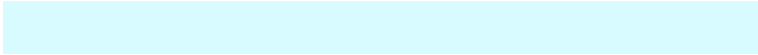
85.3249, 92.0217, 78.4587

Rectangle

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



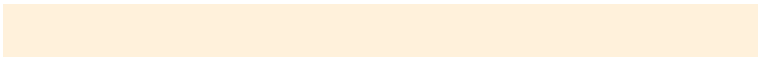
79.5020, 92.0217, 106.5003



83.8845, 92.0217, 123.8411



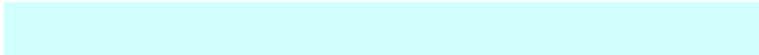
95.9403, 92.0217, 94.1455



91.1436, 92.0217, 79.7701

Sweetspot

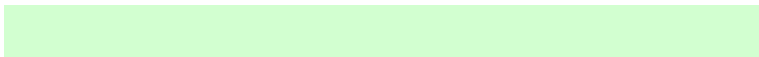
The Sweet Spot groups the original color and five complimentary colors.



79.5030, 92.0222, 106.5018



89.5388, 97.1710, 108.0963



73.8242, 89.8276, 73.1236



19.0423, 20.7356, 23.1186



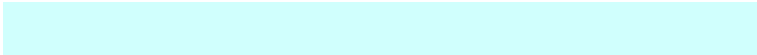
0.0000, 0.0000, 0.0000



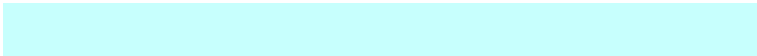
20.3446, 21.4041, 23.3091

Same Dimension

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



79.5030, 92.0222, 106.5018



76.9550, 90.7158, 106.0610



73.4436, 79.3911, 106.0609



18.5195, 20.4673, 23.0388



27.2450, 40.7946, 51.3027



2.6627, 3.9760, 5.0476

Inverse Universe

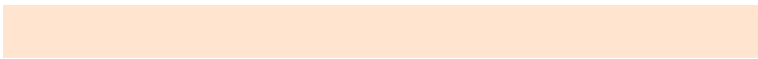
The Inverse Universe completely reimagines the original color for something new.



75.4294, 71.0261, 70.7070



72.2166, 66.2913, 64.4237



80.6867, 81.9366, 71.2388



18.0407, 17.9996, 18.8313



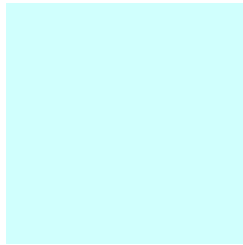
21.5933, 11.1266, 1.2431



2.1130, 1.0876, 0.1764

Previews

White Background



This preview shows how the XYZ color 79.5020, 92.0217, 106.5003 looks on a white background.

Color Contrast Check

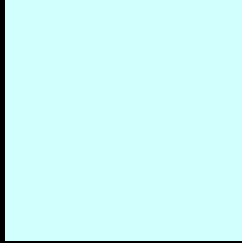
Large Text (above 18pt) WCAG AA × Fail

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 79.5020, 92.0217, 106.5003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

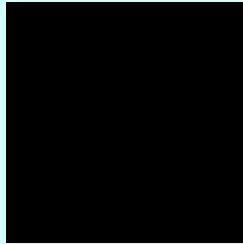
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

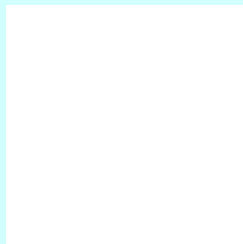
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5020, 92.0217, 106.5003

Background



This preview shows how black text looks on a background with the XYZ color 79.5020, 92.0217, 106.5003.

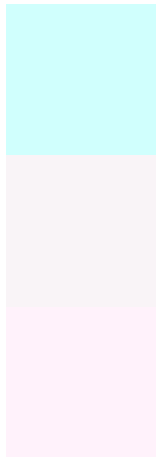


This preview shows how white text looks on a background with the XYZ color 79.5020, 92.0217,

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

79.5020, 92.0217, 106.5003

Protanopia

88.2061, 91.5565, 101.0189

Deuteranopia

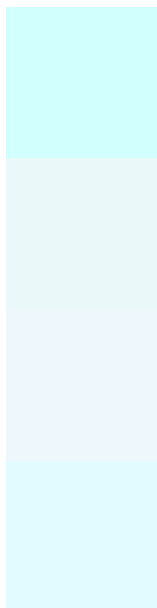
90.4047, 91.7293, 104.2075



Tritanopia

85.5491, 91.8472, 107.8271

Trichromacy



Original Color

79.5020, 92.0217, 106.5003

Protanomaly

84.5980, 91.4668, 102.8186

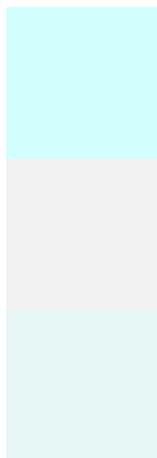
Deuteranomaly

86.0913, 91.7269, 105.2630

Tritanomaly

83.4379, 92.1577, 107.1565

Monochromacy



Original Color

79.5020, 92.0217, 106.5003

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

81.7503, 89.1621, 99.2875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5020, 92.0217, 106.5003 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(208, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 253)  
}
```

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(208, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 253) }
```

Border

The CSS property to change the border of an element to XYZ 79.5020, 92.0217, 106.5003 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(208, 255, 253) }
```


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

```
.border{ border-color:rgb(208, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5020, 92.0217, 106.5003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 253) }
```

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

```
.background{ background-color: rgb(208,  
255, 253) }
```

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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