

Converting Colors

YUV(191.7410, 5.5507,
-100.6279)

Have a look what the booklet for
YUV(191.7410, 5.5507, -100.6279)
contains.

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Color

**YUV(191.7410, 5.5507,
-100.6279)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4DF8CB |
| RGB | 77, 248, 203 |
| RGB Percent | 30%, 97%, 80% |
| CMY | 0.6980, 0.0275, 0.2039 |
| CMYK | 0.69, 0.00, 0.18, 0.03 |
| HSL | 164°, 92%, 64% |
| HSV | 164°, 69%, 97% |
| XYZ | 47.4075, 73.0244, 68.0964 |
| YIQ | 191.7410, -87.4710, -50.2470 |

Conversions

Conversions Part 2

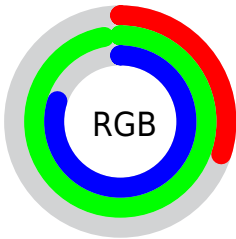
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 77, 175, 248 |
| Decimal | 5109963 |
| CIELab | 88.46, -53.73, 9.07 |
| CIELCh | 88, 54.489, 170.421 |
| Yxy | 73.0244, 0.2515, 0.3873 |
| Android (android.graphics.Color) | 4283300043 (0xFF4DF8CB) |
| YUV | 191.7410, 5.5507, -100.6279 |
| Hunter-Lab | 85.4543, -50.5186, 12.5713 |

Details

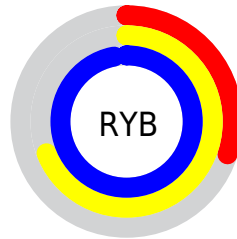
The YUV color **191.7410, 5.5507, -100.6279** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **133.2590, -5.5507, 100.6279**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **129.1030, 9.8092, -113.2233** is the 20% darker color. If you saturate the color by 10%, you get **183.4680, 6.1783, -115.2974**, and if you desaturate by 10%, it is **200.0140, 4.9231, -85.9583**.

Distribution



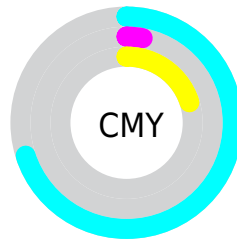
- Red (30%)
- Green (97%)
- Blue (80%)



- Red (30%)
- Yellow (69%)
- Blue (97%)



- Cyan (69%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)



- Cyan (70%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.7410, 5.5507, -100.6279 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 YUV color 191.7410, 5.5507, -100.6279 by changing the saturation by 10% instead.

191.7410, 5.5507,
-100.6279

191.7410, 5.5507,
-100.6279

255.0000, 0.0000,
0.0000

156.6900, 9.5198,
-113.7381

222.1100, 16.2148,
-67.6255

129.1030, 9.8092,
-113.2233

231.6780, 11.4977,
-47.9526

109.7030, 6.5554,
-96.2095

240.9470, 6.9281,
-28.8945

91.0040, 3.4490,
-79.8105

250.2160, 2.3585,
-9.8364

72.4190, 0.7794,
-63.5115

55.2360, -1.5953,
-48.4420

38.1670, -3.5333,

-33.4725

■ 21.9300, -7.3605,
-19.2326

■ 0.0000, 0.0000,
0.0000

■ 191.7410, 5.5507,
-100.6279

■ 191.7410, 5.5507,
-100.6279

■ 183.4680, 6.1783,
-115.2974

■ 200.0140, 4.9231,
-85.9583

■ 175.3090, 7.2427,
-130.0670

■ 208.1730, 3.8587,
-71.1887

■ 167.3350, 7.7228,
-144.1218

■ 216.1470, 3.3785,
-57.1339

■ 166.4380, 8.1651,
-145.9661

■ 224.3060, 2.3141,
-42.3644

■ 232.5790, 1.6866,
-27.6948

■ 240.7380, 0.6222,
-12.9252

■ 249.0110, -0.0054,
1.7444

■ 250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



207.1510, -26.2034, -42.2284



191.7410, 5.5507, -100.6279



175.2330, 39.3251, -153.6793

Triad

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



191.7410, 5.5507, -100.6279



215.3740, 19.5356, -12.6060



207.1260, -31.1211, 41.9855

Complementary

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



191.7410, 5.5507, -100.6279



133.2590, -5.5507, 100.6279

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.



204.5110, -8.1399, 44.2789



191.7410, 5.5507, -100.6279



219.7800, 17.3635, 30.8879

Square

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



191.7410, 5.5507, -100.6279



194.8550, 29.6515, -84.0648



209.9660, 15.2998, 39.4948



214.7280, -47.6869, 35.3185

Rectangle

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



191.7410, 5.5507, -100.6279



173.4720, 40.1933, -152.1349



209.9660, 15.2998, 39.4948



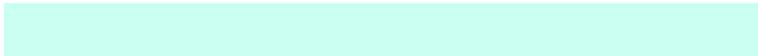
205.0860, -23.7064, 43.7746

Sweetspot

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



191.7410, 5.5507, -100.6279



237.2580, 1.8448, -31.7983



191.1310, -56.2666, -59.7509



117.4060, 0.7858, -18.7731



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



191.7410, 5.5507, -100.6279



185.2280, 6.7896, -124.7340



173.3910, 36.7822, -84.5349



120.7710, 0.6059, -7.6922



126.7890, 6.0200, -111.1940



40.9370, 2.0031, -35.9017

Inverse Universe

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



133.2590, -5.5507, 100.6279



112.7720, -6.7896, 124.7340



151.6090, -36.7822, 84.5349



116.3430, -0.1691, 7.5922



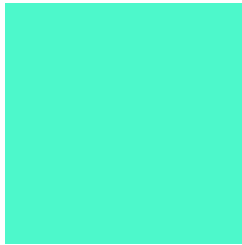
62.2110, -6.0200, 111.1940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 191.7410, 5.5507, -100.6279 looks on a white background.

Color Contrast Check

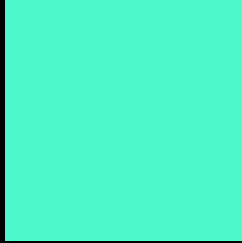
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 191.7410, 5.5507, -100.6279 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](#).

YUV 191.7410, 5.5507, -100.6279

Background



This preview shows how black text looks on a background with the YUV color 191.7410, 5.5507, -100.6279.



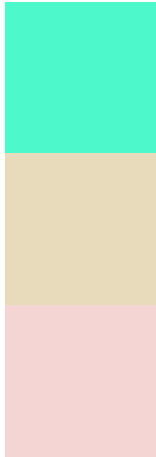
This preview shows how white text looks on a background with the YUV color 191.7410, 5.5507,

-100.6279.

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

191.7410, 5.5507, -100.6279

Protanopia

219.0540, -15.3096, 10.4766

Deuteranopia

222.3400, -5.5906, 19.8728



Tritanopia

206.4500, 23.9352, -70.5546

Trichromacy



Original Color

191.7410, 5.5507, -100.6279



Protanomaly

209.3370, -8.0541, -30.1135



Deuteranomaly

211.3900, -1.6713, -24.0210



Tritanomaly

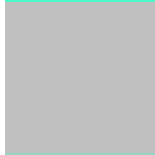
201.2500, 17.1318, -81.7802

Monochromacy



Original Color

191.7410, 5.5507, -100.6279



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.6380, 2.1505, -36.5165

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.7410, 5.5507, -100.6279 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(77, 248, 203)` looks like.

```
.text, #text, p{  
    color:rgb(77, 248, 203)  
}
```

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(77, 248, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 248, 203) }
```

Border

The CSS property to change the border of an element to YUV 191.7410, 5.5507, -100.6279 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(77, 248, 203) }
```


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

```
.border{ border-color:rgb(77, 248, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 248, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 248, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 248, 203);  
box-shadow:4px 4px 4px 4px rgb(77, 248,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 191.7410, 5.5507, -100.6279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 248, 203) }
```

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

```
.background{ background-color: rgb(77, 248,  
203) }
```

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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