

Converting Colors

YUV(192.5100, 12.5666,
-110.9493)

Have a look what the booklet for
YUV(192.5100, 12.5666, -110.9493)
contains.

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Color

**YUV(192.5100, 12.5666,
-110.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	42FCDA
RGB	66, 252, 218
RGB Percent	26%, 99%, 85%
CMY	0.7412, 0.0118, 0.1451
CMYK	0.74, 0.00, 0.13, 0.01
HSL	169°, 97%, 62%
HSV	169°, 74%, 99%
XYZ	49.7121, 75.8410, 78.3483
YIQ	192.5100, -99.9420, -50.0060

Conversions

Conversions Part 2

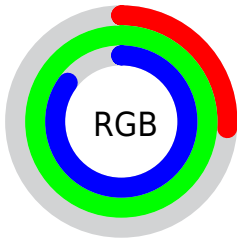
Format	Color
RYB	66, 168, 252
Decimal	4390106
CIELab	89.79, -53.12, 3.17
CIELCh	90, 53.215, 176.586
Yxy	75.8410, 0.2438, 0.3719
Android (android.graphics.Color)	4282580186 (0xFF42FCDA)
YUV	192.5100, 12.5666, -110.9493
Hunter-Lab	87.0867, -50.5080, 7.6200

Details

The YUV color **192.5100, 12.5666, -110.9493** 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 **125.4900, -12.5666, 110.9493**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **132.4600, 15.0562, -116.1674** is the 20% darker color. If you saturate the color by 10%, you get **184.4650, 14.0678, -125.8188**, and if you desaturate by 10%, it is **200.5550, 11.0654, -96.0797**.

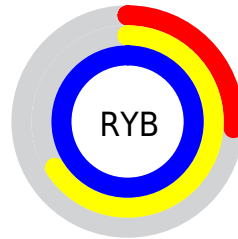
Distribution



Red (26%)

Green (99%)

Blue (85%)



Red (26%)

Yellow (66%)

Blue (99%)

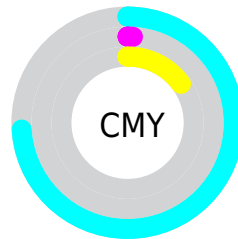


Cyan (74%)

Magenta (0%)

Yellow (13%)

Black (1%)



Cyan (74%)

Magenta (1%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.5100, 12.5666, -110.9493 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 192.5100, 12.5666, -110.9493 by changing the saturation by 10% instead.

192.5100, 12.5666,
-110.9493

192.5100, 12.5666,
-110.9493

255.0000, 0.0000,
0.0000

152.5610, 18.4574,
-133.7960

220.3160, 17.0992,
-71.3141

132.4600, 15.0562,
-116.1674

230.1830, 12.2348,
-51.0265

113.6470, 11.5130,
-99.6684

239.7510, 7.5178,
-31.3536

94.3610, 8.6960,
-82.7546

249.0200, 2.9481,
-12.2955

76.2490, 5.3002,
-66.8704

58.3650, 2.7781,
-51.1861

41.1820, 0.4033,

-36.1166

■ 25.9880, -1.9661,
-22.7915

■ 0.0000, 0.0000,
0.0000

■ 192.5100, 12.5666,
-110.9493

■ 192.5100, 12.5666,
-110.9493

■ 184.4650, 14.0678,
-125.8188

■ 200.5550, 11.0654,
-96.0797

■ 176.5340, 16.0057,
-140.7883

■ 208.4860, 9.1274,
-81.1102

■ 171.4080, 17.0539,
-150.3248

■ 216.8300, 7.4788,
-65.6259

■ 224.7610, 5.5408,
-50.6564

■ 232.8060, 4.0396,
-35.7869

■ 240.8510, 2.5385,
-20.9173

■ 248.7820, 0.6005,
-5.9478

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



209.2900, -20.3560, -51.1203



192.5100, 12.5666, -110.9493



176.9940, 38.4570, -155.2237

Triad

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



192.5100, 12.5666, -110.9493



221.6530, 16.4401, 0.3043



211.5940, -34.3098, 38.0671

Complementary

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



192.5100, 12.5666, -110.9493



125.4900, -12.5666, 110.9493

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.



207.4630, -12.0603, 41.6899



192.5100, 12.5666, -110.9493



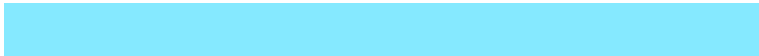
220.3670, 17.0741, 30.3731

Square

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



192.5100, 12.5666, -110.9493



205.6080, 24.3503, -63.6772



211.5160, 11.0846, 38.1355



219.9940, -47.8180, 30.7003

Rectangle

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



192.5100, 12.5666, -110.9493



174.6460, 39.6145, -153.1645



211.5160, 11.0846, 38.1355



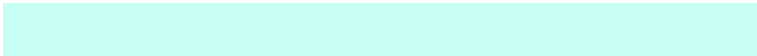
209.4400, -27.3319, 39.9561

Sweetspot

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



192.5100, 12.5666, -110.9493



237.1160, 3.8868, -33.4277



185.3480, -58.8386, -74.8502



117.0360, 1.9543, -20.2026



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.



192.5100, 12.5666, -110.9493



182.4530, 15.5527, -135.4553



161.7530, 44.4918, -83.9754



120.8850, 1.0427, -7.7921



128.4990, 12.5720, -112.6936



41.5070, 4.1870, -36.4016

Inverse Universe

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



125.4900, -12.5666, 110.9493



100.6610, -15.1159, 135.3553



156.2470, -44.4918, 83.9754



116.2290, -0.6059, 7.6922



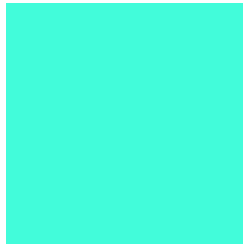
60.3870, -13.0088, 112.7936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 192.5100, 12.5666, -110.9493 looks on a white background.

Color Contrast Check

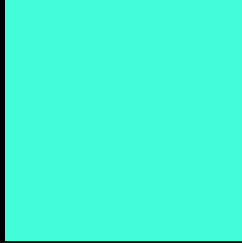
Large Text (above 18pt) WCAG AA × Fail

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 192.5100, 12.5666, -110.9493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

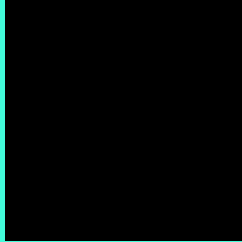
Any Text WCAG AA ✓ Pass

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 192.5100, 12.5666, -110.9493 Background



This preview shows how black text looks on a background with the YUV color 192.5100, 12.5666, -110.9493.

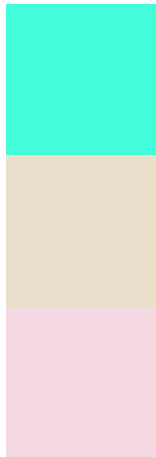


This preview shows how white text looks on a background with the YUV color 192.5100, 12.5666, -110.9493.

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

192.5100, 12.5666, -110.9493

Protanopia

223.5960, -10.6468, 8.2473

Deuteranopia

226.0990, -0.0488, 15.6992



Tritanopia

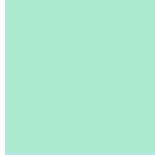
212.4080, 20.9979, -61.7478

Trichromacy



Original Color

192.5100, 12.5666, -110.9493



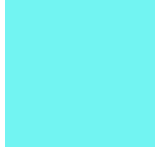
Protanomaly

212.4980, -2.2175, -35.5167



Deuteranomaly

213.9530, 4.4602, -30.6538



Tritanomaly

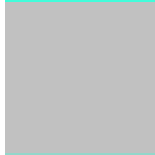
204.9020, 18.2893, -79.7211

Monochromacy



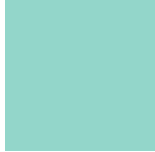
Original Color

192.5100, 12.5666, -110.9493



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

192.5990, 4.6347, -39.9903

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.5100, 12.5666, -110.9493 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(66, 252, 218)` looks like.

```
.text, #text, p{  
    color:rgb(66, 252, 218)  
}
```

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(66, 252, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 252, 218) }
```

Border

The CSS property to change the border of an element to YUV 192.5100, 12.5666, -110.9493 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(66, 252, 218) }
```


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

```
.border{ border-color:rgb(66, 252, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 252, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(66, 252, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(66, 252, 218); box-shadow:4px 4px 4px 4px rgb(66, 252, 218) }
```

Background

The CSS property to change the background color of an element to YUV 192.5100, 12.5666, -110.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 252, 218) }
```

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

```
.background{ background-color: rgb(66, 252,  
218) }
```

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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