

Converting Colors

YUV(193.5390, 12.0593,
-88.1727)

Have a look what the booklet for
YUV(193.5390, 12.0593, -88.1727)
contains.

YUV(193.5390, 12.0593, -88.1727)	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

**YUV(193.5390, 12.0593,
-88.1727)**

Conversions

Conversions Part 1

Format	Color
Hex	5DF0DA
RGB	93, 240, 218
RGB Percent	36%, 94%, 85%
CMY	0.6353, 0.0588, 0.1451
CMYK	0.61, 0.00, 0.09, 0.06
HSL	171°, 83%, 65%
HSV	171°, 61%, 94%
XYZ	48.3292, 69.7093, 77.2377
YIQ	193.5390, -80.5500, -38.0060

Conversions

Conversions Part 2

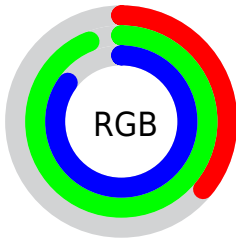
Format	Color
RYB	93, 172, 240
Decimal	6156506
CIELab	86.85, -44.26, -1.03
CIELCh	87, 44.268, 181.339
Yxy	69.7093, 0.2475, 0.3570
Android (android.graphics.Color)	4284346586 (0xFF5DF0DA)
YUV	193.5390, 12.0593, -88.1727
Hunter-Lab	83.4921, -42.7869, 3.5959

Details

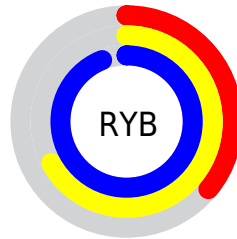
The YUV color **193.5390, 12.0593, -88.1727** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **139.4610, -12.0593, 88.1727**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **126.0030, 18.2395, -110.5046** is the 20% darker color. If you saturate the color by 10%, you get **185.9070, 13.8498, -102.5274**, and if you desaturate by 10%, it is **201.1710, 10.2687, -73.8180**.

Distribution



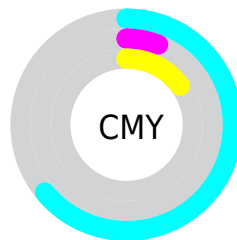
- Red (36%)
- Green (94%)
- Blue (85%)



- Red (36%)
- Yellow (67%)
- Blue (94%)



- Cyan (61%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (64%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5390, 12.0593, -88.1727 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 193.5390, 12.0593, -88.1727 by changing the saturation by 10% instead.

193.5390, 12.0593,
-88.1727

193.5390, 12.0593,
-88.1727

255.0000, 0.0000,
0.0000

162.2610, 13.6753,
-93.1909

225.6980, 14.4459,
-60.2481

126.0030, 18.2395,
-110.5046

234.6680, 10.0237,
-41.8048

107.1900, 14.6963,
-94.0056

243.9370, 5.4541,
-22.7467

88.4910, 11.5899,
-77.6066

253.2060, 0.8844,
-3.6887

70.3790, 8.1942,
-61.7224

53.0820, 5.3826,
-46.5529

36.4860, 2.7184,

-31.9982

■ 21.2920, 0.3490,
-18.6731

■ 0.0000, 0.0000,
0.0000

■ 193.5390, 12.0593,
-88.1727

■ 193.5390, 12.0593,
-88.1727

■ 185.9070, 13.8498,
-102.5274

■ 201.1710, 10.2687,
-73.8180

■ 178.3890, 16.0772,
-116.9822


■ 208.6890, 8.0413,
-59.3633


■ 170.7570, 17.8678,
-131.3369

■ 216.3210, 6.2507,
-45.0085


■ 164.1360, 19.6530,
-143.9473

■ 223.8390, 4.0234,
-30.5538

 231.4710, 2.2328,
-16.1991

 239.1030, 0.4422,
-1.8443

 244.8270, -0.9007,
8.9217

 245.2830, 0.8465,
8.5218

 245.6250, 2.1569,
8.2219

Harmonies

Analogous

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



203.1470, -13.3835, -47.4869



193.5390, 12.0593, -88.1727



182.8180, 35.5857, -120.8664

Triad

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



193.5390, 12.0593, -88.1727



217.2670, 18.6024, 6.7818



210.7620, -32.4207, 38.7967

Complementary

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



193.5390, 12.0593, -88.1727



139.4610, -12.0593, 88.1727

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.



207.2520, -15.4072, 41.8750



193.5390, 12.0593, -88.1727



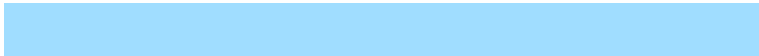
218.0190, 18.2316, 32.4323

Square

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



193.5390, 12.0593, -88.1727



206.6370, 23.8430, -40.9006



209.5780, 3.6590, 39.8351



214.9100, -40.3816, 25.5119

Rectangle

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



193.5390, 12.0593, -88.1727



186.4500, 33.7952, -106.5116



209.5780, 3.6590, 39.8351



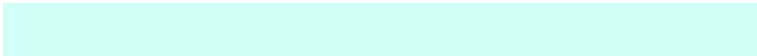
208.7390, -27.4793, 40.5709

Sweetspot

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



193.5390, 12.0593, -88.1727



240.4480, 3.7231, -27.5799



185.8670, -45.7834, -62.1504



118.7590, 2.0908, -17.3286



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.



193.5390, 12.0593, -88.1727



195.2970, 15.6296, -113.3935



166.1100, 36.4278, -64.1175



116.1840, 0.8953, -7.1774



125.7920, 14.8925, -110.3196



38.3440, 4.7604, -33.6277

Inverse Universe

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



139.4610, -12.0593, 88.1727



125.8170, -15.1928, 113.2935



166.8900, -36.4278, 64.1175



111.8160, -0.8953, 7.1774



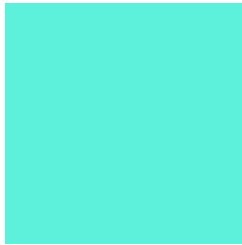
58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 193.5390, 12.0593, -88.1727 looks on a white background.

Color Contrast Check

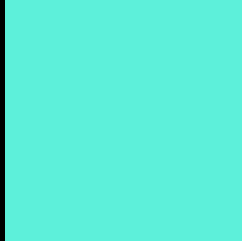
Large Text (above 18pt) WCAG AA × Fail

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 193.5390, 12.0593, -88.1727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

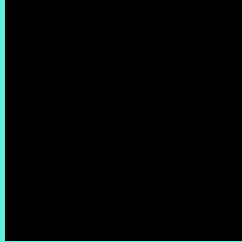
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

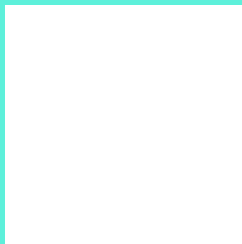
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.5390, 12.0593, -88.1727

Background



This preview shows how black text looks on a background with the YUV color 193.5390, 12.0593, -88.1727.

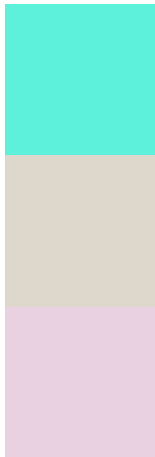


This preview shows how white text looks on a background with the YUV color 193.5390, 12.0593, -88.1727.

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

193.5390, 12.0593, -88.1727

Protanopia

215.8390, -5.8366, 5.4032

Deuteranopia

218.0000, 3.4510, 13.1550



Tritanopia

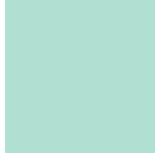
199.1930, 27.0199, -79.9763

Trichromacy



Original Color

193.5390, 12.0593, -88.1727



Protanomaly

207.6390, 0.6710, -28.6244



Deuteranomaly

208.8660, 6.4751, -23.5615



Tritanomaly

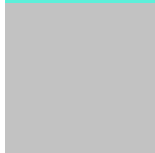
197.3900, 21.4997, -82.7800

Monochromacy



Original Color

193.5390, 12.0593, -88.1727



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.9420, 4.4656, -32.3981

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5390, 12.0593, -88.1727 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(93, 240, 218)` looks like.

```
.text, #text, p{  
    color:rgb(93, 240, 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(93, 240, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 240, 218) }
```

Border

The CSS property to change the border of an element to YUV 193.5390, 12.0593, -88.1727 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(93, 240, 218) }
```


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

```
.border{ border-color:rgb(93, 240, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 240, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 240, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 240, 218);  
box-shadow:4px 4px 4px 4px rgb(93, 240,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 193.5390, 12.0593, -88.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 240, 218) }
```

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

```
.background{ background-color: rgb(93, 240,  
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](#).

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