

Converting Colors

YUV(201.4390, 20.4896,
-85.4540)

Have a look what the booklet for
YUV(201.4390, 20.4896, -85.4540)
contains.

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Color

**YUV(201.4390, 20.4896,
-85.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	68F3F3
RGB	104, 243, 243
RGB Percent	41%, 95%, 95%
CMY	0.5922, 0.0471, 0.0471
CMYK	0.57, 0.00, 0.00, 0.05
HSL	180°, 85%, 68%
HSV	180°, 57%, 95%
XYZ	53.9372, 73.5153, 96.1411
YIQ	201.4390, -82.8440, -29.4680

Conversions

Conversions Part 2

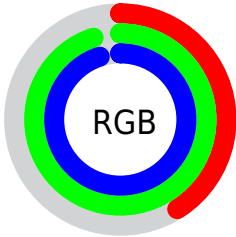
Format	Color
RYB	104, 174, 243
Decimal	6878195
CIELab	88.69, -37.31, -11.37
CIELCh	89, 39.001, 196.946
Yxy	73.5153, 0.2412, 0.3288
Android (android.graphics.Color)	4285068275 (0xFF68F3F3)
YUV	201.4390, 20.4896, -85.4540
Hunter-Lab	85.7411, -37.7578, -6.4629

Details

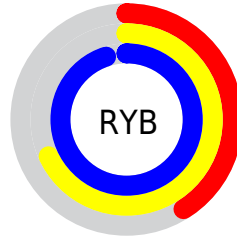
The YUV color **201.4390, 20.4896, -85.4540** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **145.5610, -20.4896, 85.4540**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **134.9850, 25.6434, -105.2268** is the 20% darker color. If you saturate the color by 10%, you get **194.2630, 24.0273, -100.2087**, and if you desaturate by 10%, it is **208.6150, 16.9518, -70.6994**.

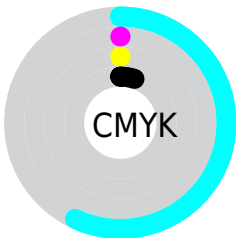
Distribution



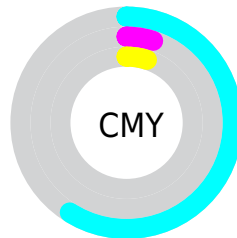
- Red (41%)
- Green (95%)
- Blue (95%)



- Red (41%)
- Yellow (68%)
- Blue (95%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (59%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.4390, 20.4896, -85.4540 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 201.4390, 20.4896, -85.4540 by changing the saturation by 10% instead.

201.4390, 20.4896,
-85.4540

201.4390, 20.4896,
-85.4540

255.0000, 0.0000,
0.0000

170.7590, 21.8108,
-89.2426

228.6880, 12.9718,
-54.1004

134.9850, 25.6434,
-105.2268

237.9570, 8.4022,
-35.0423

111.5730, 23.8745,
-97.8495

247.2260, 3.8326,
-15.9842

92.7600, 20.3313,
-81.3505

75.2350, 16.6461,
-65.9811

57.7100, 12.9610,
-50.6117

41.0000, 9.8600,

-35.9570

■ 26.7520, 6.0383,
-23.4615

■ 2.7530, 8.0098,
-2.4144

■ 201.4390, 20.4896,
-85.4540

■ 201.4390, 20.4896,
-85.4540

■ 194.2630, 24.0273,
-100.2087

■ 208.6150, 16.9518,
-70.6994

■ 186.7880, 27.7125,
-115.5781

■ 216.0900, 13.2666,
-55.3299

■ 179.6120, 31.2503,
-130.3327

■ 223.2660, 9.7289,
-40.5753

■ 172.4360, 34.7881,
-145.0874

■ 230.4420, 6.1911,
-25.8206

■ 170.3430, 35.8199,
-149.3908

■ 237.6180, 2.6533,
-11.0660

■ 245.0930, -1.0318,
4.3034

■ 246.5880, -1.7689,
7.3773

Harmonies

Analogous

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



207.5830, -1.2734, -58.3933



201.4390, 20.4896, -85.4540



200.4590, 26.8887, -84.5945

Triad

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



201.4390, 20.4896, -85.4540



225.9380, 14.3276, 24.6104



219.6640, -33.8514, 30.9897

Complementary

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



201.4390, 20.4896, -85.4540



145.5610, -20.4896, 85.4540

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.



214.7860, -22.0795, 35.2677



201.4390, 20.4896, -85.4540



218.7710, 10.9589, 31.7728

Square

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



201.4390, 20.4896, -85.4540



218.9180, 17.7884, -12.2061



213.8520, -5.3500, 36.0868



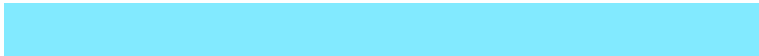
218.3360, -33.1966, 7.5983

Rectangle

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



201.4390, 20.4896, -85.4540



205.2980, 24.5031, -66.0363



213.8520, -5.3500, 36.0868



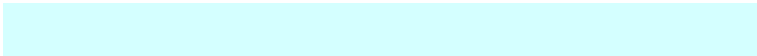
217.7720, -30.9466, 32.6490

Sweetspot

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



201.4390, 20.4896, -85.4540



242.1430, 6.3385, -26.4354



185.5930, -40.2253, -71.5571



120.2260, 3.8326, -15.9842



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.



201.4390, 20.4896, -85.4540



202.3760, 25.9436, -108.2008



160.3490, 40.7469, -49.4181



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718

Inverse Universe

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



161.4070, 40.2253, 71.5571



151.6880, 50.9328, 90.6046



186.0640, -40.4576, 49.9329



114.9560, 3.4727, 6.1776



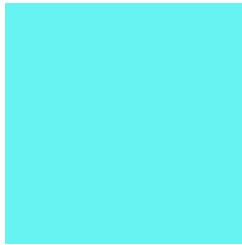
76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 201.4390, 20.4896, -85.4540 looks on a white background.

Color Contrast Check

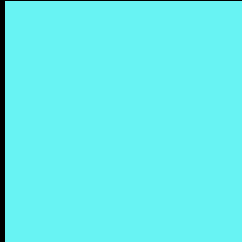
Large Text (above 18pt) WCAG AA × Fail

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 201.4390, 20.4896, -85.4540 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 201.4390, 20.4896, -85.4540 Background



This preview shows how black text looks on a background with the YUV color 201.4390, 20.4896, -85.4540.



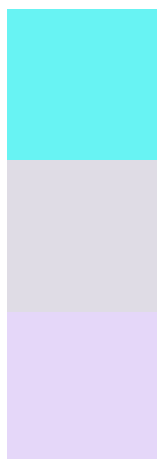
This preview shows how white text looks on a background with the YUV color 201.4390, 20.4896, -85.4540.

-85.4540.

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

201.4390, 20.4896, -85.4540

Protanopia

221.9230, 3.4890, 0.9445

Deuteranopia

223.0620, 12.7874, 5.2076



Tritanopia

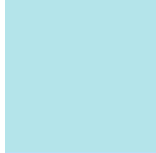
208.5430, 22.9033, -66.2512

Trichromacy



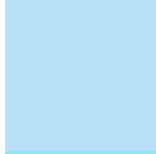
Original Color

201.4390, 20.4896, -85.4540



Protanomaly

214.3320, 9.6963, -30.1092



Deuteranomaly

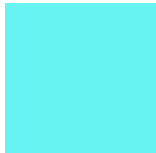
215.2490, 15.6532, -27.4054



Tritanomaly

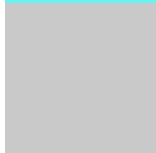
205.9720, 22.1988, -73.6434

Monochromacy



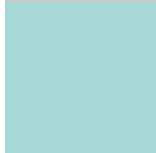
Original Color

201.4390, 20.4896, -85.4540



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.0500, 7.3704, -30.7388

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.4390, 20.4896, -85.4540 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(104, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(104, 243, 243)  
}
```

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(104, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 243, 243) }
```

Border

The CSS property to change the border of an element to YUV 201.4390, 20.4896, -85.4540 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(104, 243, 243) }
```


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

```
.border{ border-color:rgb(104, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(104, 243,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 201.4390, 20.4896, -85.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 243, 243) }
```

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

```
.background{ background-color: rgb(104,  
243, 243) }
```

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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