

Converting Colors

YUV(203.5580, 3.1759,
-85.5584)

Have a look what the booklet for
YUV(203.5580, 3.1759, -85.5584)
contains.

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Color

**YUV(203.5580, 3.1759,
-85.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	6AFCD2
RGB	106, 252, 210
RGB Percent	42%, 99%, 82%
CMY	0.5843, 0.0118, 0.1765
CMYK	0.58, 0.00, 0.17, 0.01
HSL	163°, 96%, 70%
HSV	163°, 58%, 99%
XYZ	52.3871, 77.3381, 73.1394
YIQ	203.5580, -73.5340, -44.0140

Conversions

Conversions Part 2

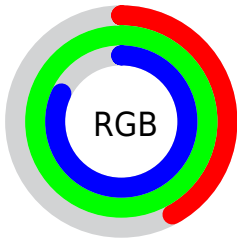
Format	Color
R _{YB}	106, 191, 252
Decimal	7011538
CIE _{Lab}	90.48, -49.00, 8.42
CIE _{LCh}	90, 49.720, 170.245
Y _{xy}	77.3381, 0.2582, 0.3812
Android (android.graphics.Color)	4285201618 (0xFF6AFCD2)
YUV	203.5580, 3.1759, -85.5584
Hunter-Lab	87.9421, -47.5662, 12.2493

Details

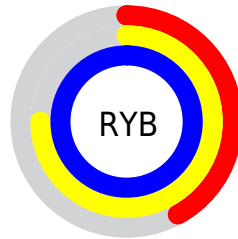
The YUV color **203.5580, 3.1759, -85.5584** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **154.4420, -3.1759, 85.5584**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9870, 12.8244, -53.4856**, and **140.0230, 7.8767, -99.9982** is the 20% darker color. If you saturate the color by 10%, you get **195.2850, 3.8035, -100.2279**, and if you desaturate by 10%, it is **211.8310, 2.5483, -70.8888**.

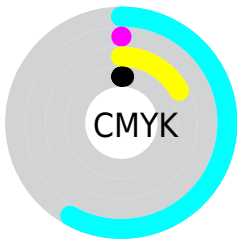
Distribution



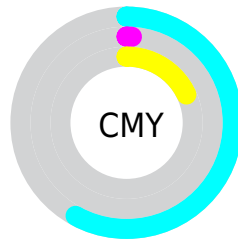
- Red (42%)
- Green (99%)
- Blue (82%)



- Red (42%)
- Yellow (75%)
- Blue (99%)



- Cyan (58%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)



- Cyan (58%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.5580, 3.1759, -85.5584 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 203.5580, 3.1759, -85.5584 by changing the saturation by 10% instead.


 203.5580, 3.1759,
-85.5584

 203.5580, 3.1759,
-85.5584

255.0000, 0.0000,
0.0000


 173.1770, 4.3497,
-88.7322


 228.9870, 12.8244,
-53.4856


 140.0230, 7.8767,
-99.9982


 238.2560, 8.2548,
-34.4275

 112.8490, 8.4554,
-98.9686

 247.2260, 3.8326,
-15.9842

 94.0360, 4.9123,
-82.4696

 75.4510, 2.2427,
-66.1705

 58.1540, -0.5689,
-51.0011

 41.0850, -2.5069,

-36.0315

■ 25.7770, -5.3131,
-22.6064

■ 1.7610, -0.8682,
-1.5444

■ 203.5580, 3.1759,
-85.5584

■ 203.5580, 3.1759,
-85.5584

■ 195.2850, 3.8035,
-100.2279

■ 211.8310, 2.5483,
-70.8888

■ 187.0120, 4.4311,
-114.8975

■ 220.1040, 1.9207,
-56.2192

■ 178.3260, 4.7693,
-130.0819

■ 228.7900, 1.5825,
-41.0348

■ 170.0530, 5.3969,
-144.7515

■ 237.0630, 0.9549,
-26.3653

■ 168.4440, 5.6971,
-147.7254

■ 245.3360, 0.3274,
-11.6957

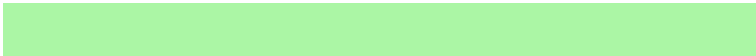
■ 253.0110, -0.0054,
1.7444

■ 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.



214.3410, -24.3251, -38.0101



203.5580, 3.1759, -85.5584



177.5810, 38.1676, -155.7385

Triad

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



203.5580, 3.1759, -85.5584



221.5870, 16.4726, -10.1618



213.1900, -28.1947, 36.6674

Complementary

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



203.5580, 3.1759, -85.5584



154.4420, -3.1759, 85.5584

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.



211.4070, -7.1027, 38.2311



203.5580, 3.1759, -85.5584



225.0630, 14.7589, 26.2547

Square

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



203.5580, 3.1759, -85.5584



206.1620, 24.0771, -69.4251



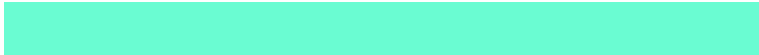
216.8790, 13.8637, 33.4321



220.5470, -43.1607, 30.2153

Rectangle

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



203.5580, 3.1759, -85.5584



175.8200, 39.0357, -154.1941



216.8790, 13.8637, 33.4321



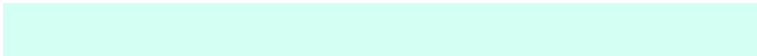
211.6230, -21.5061, 38.0416

Sweetspot

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



203.5580, 3.1759, -85.5584



240.7750, 1.0969, -25.2357



204.8580, -48.7370, -48.1105



119.3140, 0.3382, -15.1844



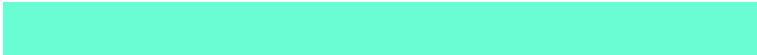
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



203.5580, 3.1759, -85.5584



195.9640, 3.9617, -104.3314



191.3230, 29.9138, -74.8283



120.6570, 0.1691, -7.5922



126.2190, 3.8360, -110.6941



40.8230, 1.5663, -35.8018

Inverse Universe

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



154.4420, -3.1759, 85.5584



136.0360, -3.9617, 104.3314



166.6770, -29.9138, 74.8283



116.3430, -0.1691, 7.5922



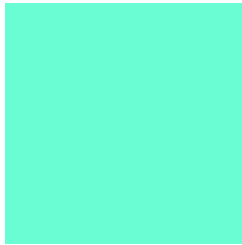
62.6670, -4.2728, 110.7940



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 203.5580, 3.1759, -85.5584 looks on a white background.

Color Contrast Check

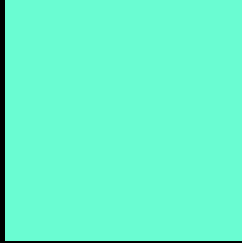
Large Text (above 18pt) WCAG AA × Fail

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 203.5580, 3.1759, -85.5584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

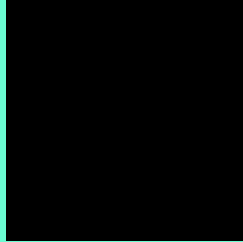
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

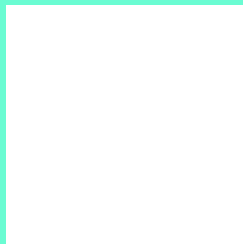
Any Text WCAG AAA ✓ Pass

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

YUV 203.5580, 3.1759, -85.5584 Background



This preview shows how black text looks on a background with the YUV color 203.5580, 3.1759, -85.5584.



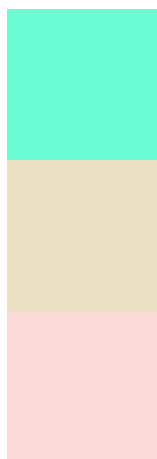
This preview shows how white text looks on a background with the YUV color 203.5580, 3.1759, -85.5584.

-85.5584.

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
203.5580, 3.1759, -85.5584
Protanopia
225.2820, -14.4360, 10.2767
Deuteranopia
227.7530, -5.3012, 20.3876



Tritanopia

217.4910, 18.4919, -51.2966

Trichromacy



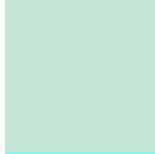
Original Color

203.5580, 3.1759, -85.5584



Protanomaly

217.3700, -8.0704, -24.8805



Deuteranomaly

218.6080, -2.2717, -18.0732



Tritanomaly

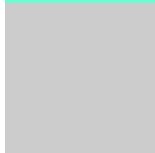
212.3340, 13.1463, -63.4369

Monochromacy



Original Color

203.5580, 3.1759, -85.5584



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.4430, 1.2606, -31.0835

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5580, 3.1759, -85.5584 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(106, 252, 210)` looks like.

```
.text, #text, p{  
    color:rgb(106, 252, 210)  
}
```

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(106, 252, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 252, 210) }
```

Border

The CSS property to change the border of an element to YUV 203.5580, 3.1759, -85.5584 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(106, 252, 210) }
```


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

```
.border{ border-color:rgb(106, 252, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 252, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 252, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 252, 210); box-shadow:4px 4px 4px 4px rgb(106, 252, 210) }
```

Background

The CSS property to change the background color of an element to YUV 203.5580, 3.1759, -85.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 252, 210) }
```

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

```
.background{ background-color: rgb(106,  
252, 210) }
```

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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