

Converting Colors

YUV(205.5590, 18.4584,
-87.3132)

Have a look what the booklet for
YUV(205.5590, 18.4584, -87.3132)
contains.

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Color

**YUV(205.5590, 18.4584,
-87.3132)**

Conversions

Conversions Part 1

Format	Color
Hex	6AF9F3
RGB	106, 249, 243
RGB Percent	42%, 98%, 95%
CMY	0.5843, 0.0235, 0.0471
CMYK	0.57, 0.00, 0.02, 0.02
HSL	177°, 92%, 70%
HSV	177°, 57%, 98%
XYZ	55.9972, 77.2866, 96.7605
YIQ	205.5590, -83.3020, -32.1820

Conversions

Conversions Part 2

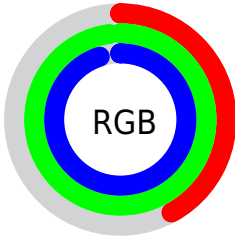
Format	Color
RYB	106, 179, 249
Decimal	7010803
CIELab	90.45, -39.69, -8.74
CIElCh	90, 40.643, 192.423
Yxy	77.2866, 0.2434, 0.3360
Android (android.graphics.Color)	4285200883 (0xFF6AF9F3)
YUV	205.5590, 18.4584, -87.3132
Hunter-Lab	87.9128, -40.1495, -3.7181

Details

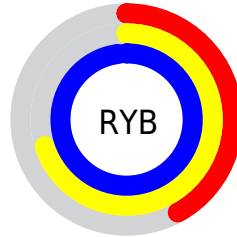
The YUV color **205.5590, 18.4584, -87.3132** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **149.4410, -18.4584, 87.3132**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, 12.6770, -52.8708**, and **139.7030, 23.3174, -105.8565** is the 20% darker color. If you saturate the color by 10%, you get **197.9700, 21.7068, -102.5827**, and if you desaturate by 10%, it is **213.1480, 15.2100, -72.0438**.

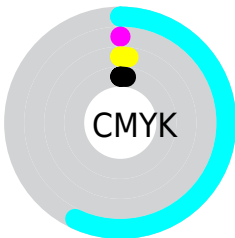
Distribution



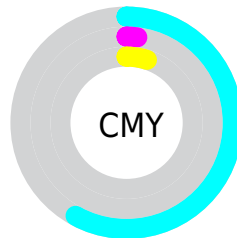
- Red (42%)
- Green (98%)
- Blue (95%)



- Red (42%)
- Yellow (70%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.5590, 18.4584, -87.3132 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 205.5590, 18.4584, -87.3132 by changing the saturation by 10% instead.

205.5590, 18.4584,
-87.3132

205.5590, 18.4584,
-87.3132

255.0000, 0.0000,
0.0000

174.8790, 19.7797,
-91.1019

229.2860, 12.6770,
-52.8708

139.7030, 23.3174,
-105.8565

238.5550, 8.1074,
-33.8127

114.5080, 22.4276,
-100.4235

247.8240, 3.5378,
-14.7546

96.2820, 18.5950,
-84.4393

78.1700, 15.1992,
-68.5551

60.0580, 11.8034,
-52.6709

43.3480, 8.7024,

-38.0162

■ 28.6270, 5.6069,
-25.1059

■ 4.6280, 7.5784,
-4.0588

■ 205.5590, 18.4584,
-87.3132

■ 205.5590, 18.4584,
-87.3132

■ 197.9700, 21.7068,
-102.5827

■ 213.1480, 15.2100,
-72.0438

■ 190.3810, 24.9552,
-117.8521

■ 220.7370, 11.9617,
-56.7743

■ 182.7920, 28.2035,
-133.1216

■ 228.3260, 8.7133,
-41.5049

■ 175.2030, 31.4519,
-148.3910

■ 235.9150, 5.4649,
-26.2355

■ 173.4090, 32.3364,
-152.0797

■ 243.2050, 2.3639,
-11.5808

■ 250.7940, -0.8844,
3.6887

■ 250.9080, -0.4476,
3.5887

■ 251.0220, -0.0108,
3.4887

■ 251.1360, 0.4260,
3.3887

Harmonies

Analogous

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



212.3830, -4.6258, -56.4639



205.5590, 18.4584, -87.3132



202.4750, 25.8948, -92.5016

Triad

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



205.5590, 18.4584, -87.3132



229.1610, 12.7386, 20.9068



221.1800, -33.1197, 29.6601

Complementary

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



205.5590, 18.4584, -87.3132



149.4410, -18.4584, 87.3132

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.



216.7580, -19.6007, 33.5382



205.5590, 18.4584, -87.3132



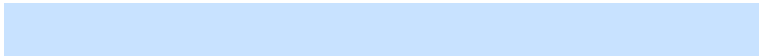
222.9600, 14.3167, 28.0991

Square

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



205.5590, 18.4584, -87.3132



221.5320, 16.4997, -18.8836



216.7530, -1.8502, 33.5426



223.3860, -35.6863, 12.8165

Rectangle

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



205.5590, 18.4584, -87.3132



207.0150, 23.6566, -74.5582



216.7530, -1.8502, 33.5426



219.5160, -29.3414, 31.1195

Sweetspot

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



205.5590, 18.4584, -87.3132



241.9150, 5.4649, -26.2355



192.0340, -42.4148, -69.3128



119.9980, 2.9590, -15.7842



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.



205.5590, 18.4584, -87.3132



201.5780, 22.8860, -107.5009



168.6750, 39.6002, -54.9660



120.9990, 1.4795, -7.8921



131.5770, 24.3655, -115.3930



42.5330, 8.1182, -37.3014

Inverse Universe

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



149.4410, -18.4584, 87.3132



132.4220, -22.8860, 107.5009



186.3250, -39.6002, 54.9660



116.0010, -1.4795, 7.8921



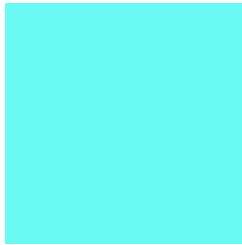
57.4230, -24.3655, 115.3930



18.5810, -7.6814, 37.2015

Previews

White Background



This preview shows how the YUV color 205.5590, 18.4584, -87.3132 looks on a white background.

Color Contrast Check

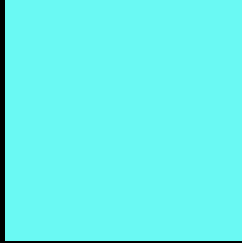
Large Text (above 18pt) WCAG AA × Fail

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 205.5590, 18.4584, -87.3132 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 205.5590, 18.4584, -87.3132

Background



This preview shows how black text looks on a background with the YUV color 205.5590, 18.4584, -87.3132.

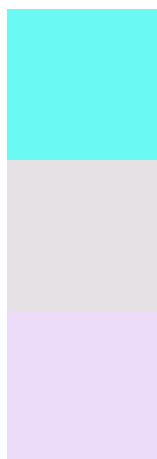


This preview shows how white text looks on a background with the YUV color 205.5590, 18.4584, -87.3132.

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

205.5590, 18.4584, -87.3132

Protanopia

226.6520, 1.1576, 2.0592

Deuteranopia

228.3890, 10.1612, 7.5518



Tritanopia

216.8930, 18.7868, -52.5262

Trichromacy



Original Color

205.5590, 18.4584, -87.3132



Protanomaly

219.0500, 7.3703, -30.7389



Deuteranomaly

220.2660, 13.1799, -27.4203



Tritanomaly

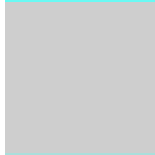
212.5170, 18.9721, -65.3514

Monochromacy



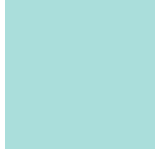
Original Color

205.5590, 18.4584, -87.3132



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.1100, 6.3548, -31.6685

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.5590, 18.4584, -87.3132 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, 249, 243)` looks like.

```
.text, #text, p{  
    color:rgb(106, 249, 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(106, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 249, 243) }
```

Border

The CSS property to change the border of an element to YUV 205.5590, 18.4584, -87.3132 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, 249, 243) }
```


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

```
.border{ border-color:rgb(106, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(106, 249,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 205.5590, 18.4584, -87.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 249, 243) }
```

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

```
.background{ background-color: rgb(106,  
249, 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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