

Converting Colors

YUV(196.2760, 17.6119,
-95.8351)

Have a look what the booklet for
YUV(196.2760, 17.6119, -95.8351)
contains.

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Color

**YUV(196.2760, 17.6119,
-95.8351)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57F5E8 |
| RGB | 87, 245, 232 |
| RGB Percent | 34%, 96%, 91% |
| CMY | 0.6588, 0.0392, 0.0902 |
| CMYK | 0.64, 0.00, 0.05, 0.04 |
| HSL | 175°, 89%, 65% |
| HSV | 175°, 64%, 96% |
| XYZ | 51.1484, 73.1572, 87.7689 |
| YIQ | 196.2760, -89.9950, -37.5390 |

Conversions

Conversions Part 2

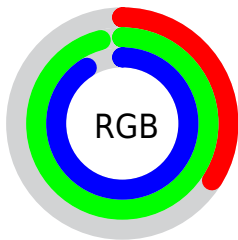
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 87, 169, 245 |
| Decimal | 5764584 |
| CIE Lab | 88.52, -43.83, -5.92 |
| CIE LCh | 89, 44.233, 187.693 |
| Yxy | 73.1572, 0.2412, 0.3450 |
| Android (android.graphics.Color) | 4283954664 (0xFF57F5E8) |
| YUV | 196.2760, 17.6119, -95.8351 |
| Hunter-Lab | 85.5320, -42.9375, -0.9682 |

Details

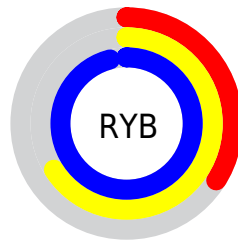
The YUV color **196.2760, 17.6119, -95.8351** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **135.7240, -17.6119, 95.8351**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **130.4200, 22.4709, -114.3783** is the 20% darker color. If you saturate the color by 10%, you get **188.5730, 20.4235, -111.0045**, and if you desaturate by 10%, it is **203.9790, 14.8004, -80.6656**.

Distribution



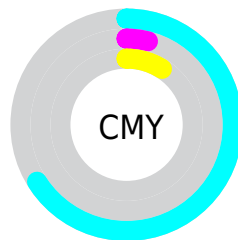
- Red (34%)
- Green (96%)
- Blue (91%)



- Red (34%)
- Yellow (66%)
- Blue (96%)



- Cyan (64%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (66%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2760, 17.6119, -95.8351 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 196.2760, 17.6119, -95.8351 by changing the saturation by 10% instead.

196.2760, 17.6119,
-95.8351

196.2760, 17.6119,
-95.8351

255.0000, 0.0000,
0.0000

163.5030, 19.9650,
-103.9271

224.5020, 15.0355,
-62.7073

130.4200, 22.4709,
-114.3783

234.0700, 10.3185,
-43.0344

111.0200, 19.2171,
-97.3645

243.3390, 5.7489,
-23.9763

92.7940, 15.3846,
-81.3803

252.6080, 1.1793,
-4.9182

74.6820, 11.9888,
-65.4961

56.6840, 9.0298,
-49.7119

40.0880, 6.3656,

-35.1572

■ 25.3670, 3.2701,
-22.2469

■ 0.9120, 3.4944,
-0.7998

■ 196.2760, 17.6119,
-95.8351

■ 196.2760, 17.6119,
-95.8351

■ 188.5730, 20.4235,
-111.0045

■ 203.9790, 14.8004,
-80.6656

■ 181.1690, 23.0877,
-125.5592


■ 211.3830, 12.1362,
-66.1109

■ 173.7650, 25.7519,
-140.1139


■ 219.0860, 9.3246,
-50.9414

■ 169.4650, 27.3788,
-148.6208

■ 226.4900, 6.6604,
-36.3867

 234.1930, 3.8489,
-21.2173

 241.5970, 1.1847,
-6.6626

 248.1040, -1.0373,
6.0478

 248.3320, -0.1637,
5.8478

 248.5600, 0.7099,
5.6479

Harmonies

Analogous

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



206.3570, -8.5570, -55.5641



196.2760, 17.6119, -95.8351



188.4550, 32.8067, -116.1630

Triad

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



196.2760, 17.6119, -95.8351



222.6380, 15.9545, 16.1035



215.4580, -34.7358, 34.6783

Complementary

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



196.2760, 17.6119, -95.8351



135.7240, -17.6119, 95.8351

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.



211.0190, -18.7434, 38.5713



196.2760, 17.6119, -95.8351



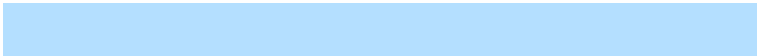
219.1930, 17.6529, 31.4027

Square

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



196.2760, 17.6119, -95.8351



213.7910, 20.3160, -29.6347



212.0570, 0.4649, 37.6610



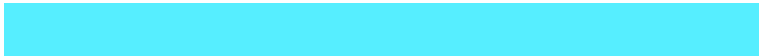
218.3930, -39.6337, 18.9493

Rectangle

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



196.2760, 17.6119, -95.8351



194.4900, 29.8314, -95.1457



212.0570, 0.4649, 37.6610



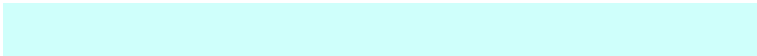
213.3210, -30.2313, 36.5525

Sweetspot

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



196.2760, 17.6119, -95.8351



240.1920, 5.3283, -29.1094



183.6330, -47.6401, -73.3461



118.6880, 3.1118, -18.1434



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.



196.2760, 17.6119, -95.8351



194.5720, 21.9030, -118.8966



159.0160, 42.3901, -63.1580



118.2980, 1.3321, -7.2773



128.6760, 20.8657, -112.8489



40.7890, 6.5130, -35.7720

Inverse Universe

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



135.7240, -17.6119, 95.8351



119.4280, -21.9030, 118.8966



172.9840, -42.3901, 63.1580



113.7020, -1.3321, 7.2773



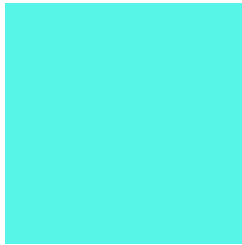
57.3240, -20.8657, 112.8489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 196.2760, 17.6119, -95.8351 looks on a white background.

Color Contrast Check

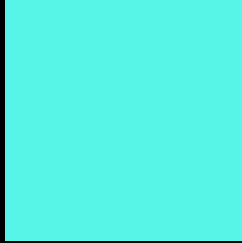
Large Text (above 18pt) WCAG AA × Fail

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 196.2760, 17.6119, -95.8351 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 196.2760, 17.6119, -95.8351 Background



This preview shows how black text looks on a background with the YUV color 196.2760, 17.6119, -95.8351.



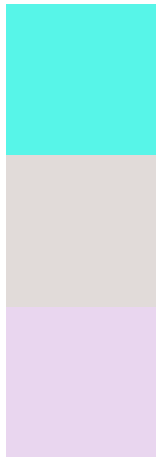
This preview shows how white text looks on a background with the YUV color 196.2760, 17.6119, -95.8351.

-95.8351.

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

196.2760, 17.6119, -95.8351

Protanopia

220.5660, -1.7580, 3.8886

Deuteranopia

222.5310, 8.1192, 9.1813



Tritanopia

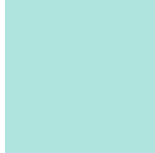
206.7490, 23.7877, -69.9399

Trichromacy



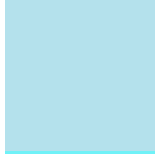
Original Color

196.2760, 17.6119, -95.8351



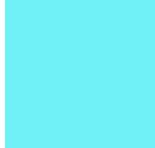
Protanomaly

211.4690, 5.1918, -31.9833



Deuteranomaly

212.7990, 11.4381, -28.7647



Tritanomaly

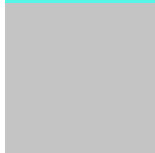
203.1130, 21.6363, -79.9061

Monochromacy



Original Color

196.2760, 17.6119, -95.8351



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.0880, 6.3656, -35.1572

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2760, 17.6119, -95.8351 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(87, 245, 232)` looks like.

```
.text, #text, p{  
    color:rgb(87, 245, 232)  
}
```

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(87, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 245, 232) }
```

Border

The CSS property to change the border of an element to YUV 196.2760, 17.6119, -95.8351 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(87, 245, 232) }
```


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

```
.border{ border-color:rgb(87, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(87, 245,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 196.2760, 17.6119, -95.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 245, 232) }
```

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

```
.background{ background-color: rgb(87, 245,  
232) }
```

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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