

Converting Colors

YUV(195.0590, 16.7329,
-93.8907)

Have a look what the booklet for
YUV(195.0590, 16.7329, -93.8907)
contains.

YUV(195.0590, 16.7329, -93.8907)	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(195.0590, 16.7329,
-93.8907)**

Conversions

Conversions Part 1

Format	Color
Hex	58F3E5
RGB	88, 243, 229
RGB Percent	35%, 95%, 90%
CMY	0.6549, 0.0471, 0.1020
CMYK	0.64, 0.00, 0.06, 0.05
HSL	175°, 87%, 65%
HSV	175°, 64%, 95%
XYZ	50.2180, 71.8330, 85.3471
YIQ	195.0590, -87.8860, -37.2140

Conversions

Conversions Part 2

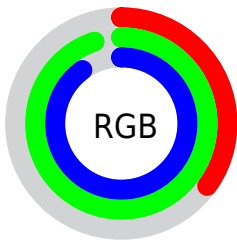
Format	Color
R_{YB}	88, 169, 243
Decimal	5829605
CIE _{Lab}	87.89, -43.58, -5.29
CIE _{LCh}	88, 43.900, 186.918
Yxy	71.8330, 0.2421, 0.3464
Android (android.graphics.Color)	4284019685 (0xFF58F3E5)
YUV	195.0590, 16.7329, -93.8907
Hunter-Lab	84.7544, -42.5568, -0.3766

Details

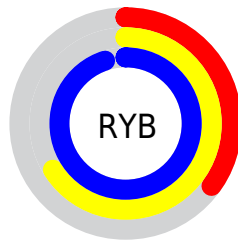
The YUV color **195.0590, 16.7329, -93.8907** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **135.9410, -16.7329, 93.8907**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **129.0180, 22.1761, -113.1488** is the 20% darker color. If you saturate the color by 10%, you get **187.6550, 19.3971, -108.4454**, and if you desaturate by 10%, it is **202.4630, 14.0687, -79.3361**.

Distribution



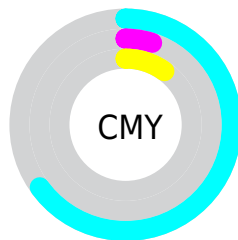
- Red (35%)
- Green (95%)
- Blue (90%)



- Red (35%)
- Yellow (66%)
- Blue (95%)



- Cyan (64%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (65%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.0590, 16.7329, -93.8907 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 195.0590, 16.7329, -93.8907 by changing the saturation by 10% instead.

195.0590, 16.7329,
-93.8907

195.0590, 16.7329,
-93.8907

255.0000, 0.0000,
0.0000

162.5850, 18.9386,
-101.3680

224.8010, 14.8881,
-62.0925

129.0180, 22.1761,
-113.1488

234.0700, 10.3185,
-43.0344

110.0910, 18.1961,
-96.5498

243.3390, 5.7489,
-23.9763

91.2780, 14.6529,
-80.0508

252.6080, 1.1793,
-4.9182

73.2800, 11.6940,
-64.2666

55.8690, 8.4456,
-48.9971

39.2730, 5.7814,

-34.4424

■ 23.9650, 2.9753,
-21.0173

■ 0.4560, 1.7472,
-0.3999

■ 195.0590, 16.7329,
-93.8907

■ 195.0590, 16.7329,
-93.8907

■ 187.6550, 19.3971,
-108.4454

■ 202.4630, 14.0687,
-79.3361

■ 179.9520, 22.2087,
-123.6149

■ 210.1660, 11.2572,
-64.1666


■ 172.4340, 24.4360,
-138.0696


■ 217.6840, 9.0298,
-49.7119

■ 167.8350, 26.2103,
-147.1913


■ 225.0880, 6.3656,
-35.1572

 232.4920, 3.7014,
-20.6025

 240.1950, 0.8899,
-5.4330

 246.7020, -1.3321,
7.2773

 247.0440, -0.0217,
6.9774

 247.2720, 0.8519,
6.7775

Harmonies

Analogous

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



204.8410, -9.2886, -54.2346



195.0590, 16.7329, -93.8907



187.2810, 33.3855, -115.1334

Triad

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



195.0590, 16.7329, -93.8907



221.1540, 16.6861, 14.7739



214.1700, -34.5938, 35.8079

Complementary

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



195.0590, 16.7329, -93.8907



135.9410, -16.7329, 93.8907

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.



209.7310, -18.6014, 39.7009



195.0590, 16.7329, -93.8907



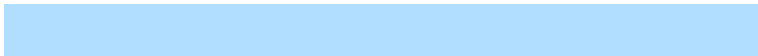
218.4920, 17.5054, 32.0175

Square

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



195.0590, 16.7329, -93.8907



211.7200, 21.3370, -30.4494



210.7690, 0.6069, 38.7906



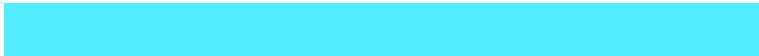
216.8060, -39.3444, 19.4641

Rectangle

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



195.0590, 16.7329, -93.8907



193.3050, 30.4156, -95.8605



210.7690, 0.6069, 38.7906



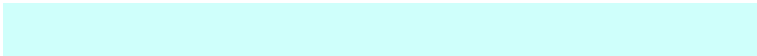
212.1470, -29.6525, 37.5821

Sweetspot

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



195.0590, 16.7329, -93.8907



240.1920, 5.3283, -29.1094



183.7690, -47.2141, -69.9574



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.



195.0590, 16.7329, -93.8907



194.3440, 21.0294, -118.6967



160.2610, 40.7903, -63.3729



118.2980, 1.3321, -7.2773



128.4480, 19.9921, -112.6489



40.6750, 6.0762, -35.6720

Inverse Universe

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



135.9410, -16.7329, 93.8907



119.5420, -21.4662, 118.7967



170.7390, -40.7903, 63.3729



113.7020, -1.3321, 7.2773



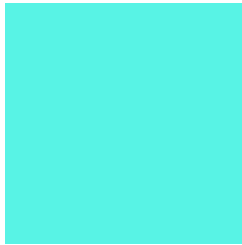
57.5520, -19.9921, 112.6489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 195.0590, 16.7329, -93.8907 looks on a white background.

Color Contrast Check

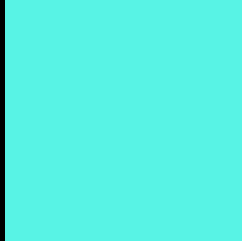
Large Text (above 18pt) WCAG AA × Fail

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 195.0590, 16.7329, -93.8907 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

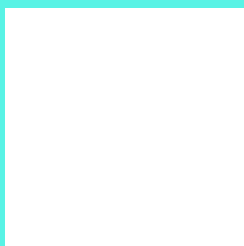
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 195.0590, 16.7329, -93.8907

Background



This preview shows how black text looks on a background with the YUV color 195.0590, 16.7329, -93.8907.



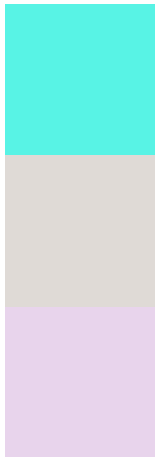
This preview shows how white text looks on a background with the YUV color 195.0590, 16.7329, -93.8907.

-93.8907.

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

195.0590, 16.7329, -93.8907

Protanopia

219.0390, -2.4842, 3.4738

Deuteranopia

220.7160, 7.5350, 9.8961



Tritanopia

203.1720, 25.5512, -75.5728

Trichromacy



Original Color

195.0590, 16.7329, -93.8907



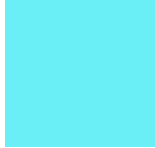
Protanomaly

210.2410, 4.3182, -31.7834



Deuteranomaly

211.2830, 10.7065, -27.4352



Tritanomaly

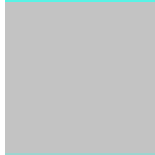
200.0310, 22.6627, -82.4652

Monochromacy



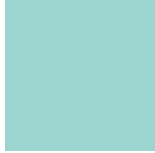
Original Color

195.0590, 16.7329, -93.8907



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.6860, 6.0708, -33.9276

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0590, 16.7329, -93.8907 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(88, 243, 229)` looks like.

```
.text, #text, p{  
    color:rgb(88, 243, 229)  
}
```

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(88, 243, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 243, 229) }
```

Border

The CSS property to change the border of an element to YUV 195.0590, 16.7329, -93.8907 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(88, 243, 229) }
```


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

```
.border{ border-color:rgb(88, 243, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 243, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 243, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 243, 229);  
box-shadow:4px 4px 4px 4px rgb(88, 243,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 195.0590, 16.7329, -93.8907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 243, 229) }
```

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

```
.background{ background-color: rgb(88, 243,  
229) }
```

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