

Converting Colors

YUV(195.3850, -1.1758,
-89.7916)

Have a look what the booklet for
YUV(195.3850, -1.1758, -89.7916)
contains.

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Color

**YUV(195.3850, -1.1758,
-89.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	5DF8C1
RGB	93, 248, 193
RGB Percent	36%, 97%, 76%
CMY	0.6353, 0.0275, 0.2431
CMYK	0.62, 0.00, 0.22, 0.03
HSL	159°, 92%, 67%
HSV	159°, 63%, 97%
XYZ	47.7072, 73.3122, 62.0883
YIQ	195.3850, -74.7250, -49.9650

Conversions

Conversions Part 2

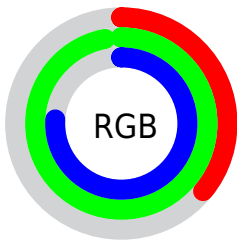
Format	Color
R_{YB}	93, 187, 248
Decimal	6158529
CIE _{Lab}	88.60, -53.49, 14.49
CIE _{LCh}	89, 55.413, 164.842
Yxy	73.3122, 0.2605, 0.4004
Android (android.graphics.Color)	4284348609 (0xFF5DF8C1)
YUV	195.3850, -1.1758, -89.7916
Hunter-Lab	85.6226, -50.3827, 16.9423

Details

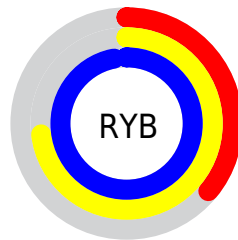
The YUV color **195.3850, -1.1758, -89.7916** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **145.6150, 1.1758, 89.7916**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1280, 12.2619, -59.7483**, and **127.9630, 5.4412, -112.2236** is the 20% darker color. If you saturate the color by 10%, you get **186.8840, -1.4218, -104.2613**, and if you desaturate by 10%, it is **203.8860, -0.9298, -75.3220**.

Distribution



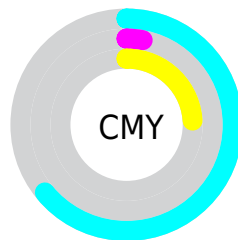
- Red (36%)
- Green (97%)
- Blue (76%)



- Red (36%)
- Yellow (73%)
- Blue (97%)



- Cyan (62%)
- Magenta (0%)
- Yellow (22%)
- Black (3%)



- Cyan (64%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.3850, -1.1758, -89.7916 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 195.3850, -1.1758, -89.7916 by changing the saturation by 10% instead.

■ 195.3850, -1.1758,
-89.7916

■ 195.3850, -1.1758,
-89.7916

255.0000, 0.0000,
0.0000

■ 164.2210, 0.8770,
-94.9098

■ 225.1280, 12.2619,
-59.7483

■ 127.9630, 5.4412,
-112.2236

■ 234.6680, 10.0237,
-41.8048

■ 108.6770, 2.6242,
-95.3097

■ 243.9370, 5.4541,
-22.7467

■ 89.9780, -0.4822,
-78.9107

■ 253.2060, 0.8844,
-3.6887

■ 71.5070, -2.7150,
-62.7116

■ 54.2100, -5.5265,
-47.5422

■ 37.1410, -7.4645,

-32.5727

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 195.3850, -1.1758,
-89.7916

■ 195.3850, -1.1758,
-89.7916

■ 186.8840, -1.4218,
-104.2613

■ 203.8860, -0.9298,
-75.3220

■ 178.3830, -1.6678,
-118.7309

■ 212.3870, -0.6838,
-60.8524

■ 170.2950, -1.6244,
-132.6857

■ 220.4750, -0.7272,
-46.8976

■ 163.8160, -1.8813,
-143.6666

■ 228.9760, -0.4812,
-32.4280

■ 237.4770, -0.2352,
-17.9583

■ 245.9780, 0.0108,
-3.4887

■ 250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



208.8270, -31.4667, -34.0513



195.3850, -1.1758, -89.7916



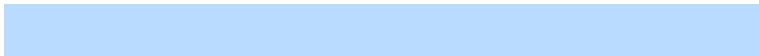
175.0220, 35.9782, -153.4943

Triad

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



195.3850, -1.1758, -89.7916



212.9380, 20.7366, -24.5016



205.4620, -27.3428, 43.4448

Complementary

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



195.3850, -1.1758, -89.7916



145.6150, 1.1758, 89.7916

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.



204.4770, -3.1932, 44.3087



195.3850, -1.1758, -89.7916



222.1280, 16.2059, 28.8287

Square

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



195.3850, -1.1758, -89.7916



187.0370, 33.5058, -107.0264



212.2800, 19.0890, 37.4654



213.1950, -45.9451, 36.6630

Rectangle

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



195.3850, -1.1758, -89.7916



174.6460, 39.6145, -153.1645



212.2800, 19.0890, 37.4654



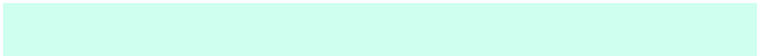
204.2370, -19.3438, 44.5192

Sweetspot

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



195.3850, -1.1758, -89.7916



238.7100, -0.3500, -27.8097



201.0280, -53.2578, -44.7516



117.7760, -0.3826, -17.3436



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.



195.3850, -1.1758, -89.7916



190.1390, -1.5475, -110.6239



189.3280, 28.9253, -84.4797



120.6570, 0.1691, -7.5922



124.8510, -1.4055, -109.4943



40.2530, -0.6177, -35.3019

Inverse Universe

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



145.6150, 1.1758, 89.7916



128.8610, 1.5475, 110.6239



151.6720, -28.9253, 84.4797



116.4570, 0.2677, 7.4922



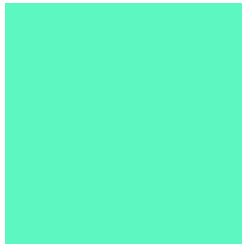
64.1490, 1.4055, 109.4943



20.7470, 0.6177, 35.3019

Previews

White Background



This preview shows how the YUV color 195.3850, -1.1758, -89.7916 looks on a white background.

Color Contrast Check

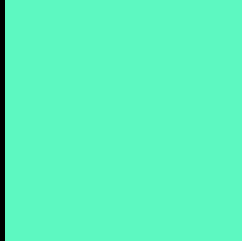
Large Text (above 18pt) WCAG AA × Fail

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 195.3850, -1.1758, -89.7916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

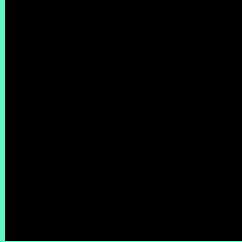
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.3850, -1.1758, -89.7916

Background



This preview shows how black text looks on a background with the YUV color 195.3850, -1.1758, -89.7916.



This preview shows how white text looks on a background with the YUV color 195.3850, -1.1758, -89.7916.

-89.7916.

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

195.3850, -1.1758, -89.7916

Protanopia

219.5120, -19.9724, 12.7060

Deuteranopia

222.3960, -10.5482, 23.3317



Tritanopia

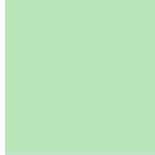
207.6570, 23.3401, -66.3512

Trichromacy



Original Color

195.3850, -1.1758, -89.7916



Protanomaly

210.7030, -13.1646, -24.2955



Deuteranomaly

212.6420, -7.2185, -18.1030



Tritanomaly

203.1970, 14.1999, -74.7178

Monochromacy



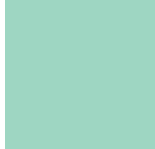
Original Color

195.3850, -1.1758, -89.7916



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.9760, -0.4812, -32.4280

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3850, -1.1758, -89.7916 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(93, 248, 193)` looks like.

```
.text, #text, p{  
    color:rgb(93, 248, 193)  
}
```

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(93, 248, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 248, 193) }
```

Border

The CSS property to change the border of an element to YUV 195.3850, -1.1758, -89.7916 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(93, 248, 193) }
```


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

```
.border{ border-color:rgb(93, 248, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 248, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 248, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 248, 193);  
box-shadow:4px 4px 4px 4px rgb(93, 248,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 195.3850, -1.1758, -89.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 248, 193) }
```

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

```
.background{ background-color: rgb(93, 248,  
193) }
```

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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