

Converting Colors

YUV(193.1660, 4.3552,
-90.4766)

Have a look what the booklet for
YUV(193.1660, 4.3552, -90.4766)
contains.

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Color

**YUV(193.1660, 4.3552,
-90.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	5AF4CA
RGB	90, 244, 202
RGB Percent	35%, 96%, 79%
CMY	0.6471, 0.0431, 0.2078
CMYK	0.63, 0.00, 0.17, 0.04
HSL	164°, 88%, 65%
HSV	164°, 63%, 96%
XYZ	47.2278, 71.1393, 67.1192
YIQ	193.1660, -78.3020, -45.7100

Conversions

Conversions Part 2

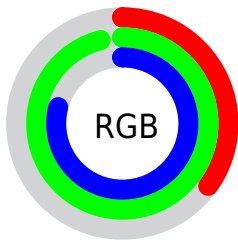
Format	Color
RYB	90, 179, 244
Decimal	5960906
CIELab	87.55, -50.32, 8.33
CIELCh	88, 51.006, 170.605
Yxy	71.1393, 0.2546, 0.3835
Android (android.graphics.Color)	4284150986 (0xFF5AF4CA)
YUV	193.1660, 4.3552, -90.4766
Hunter-Lab	84.3441, -47.6526, 11.8592

Details

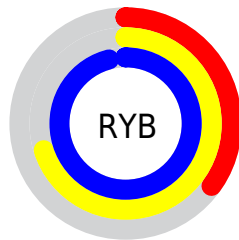
The YUV color **193.1660, 4.3552, -90.4766** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **140.8340, -4.3552, 90.4766**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **126.6410, 10.5300, -111.0642** is the 20% darker color. If you saturate the color by 10%, you get **185.1920, 4.8353, -104.5314**, and if you desaturate by 10%, it is **201.1400, 3.8750, -76.4218**.

Distribution



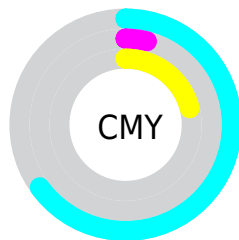
- Red (35%)
- Green (96%)
- Blue (79%)



- Red (35%)
- Yellow (70%)
- Blue (96%)



- Cyan (63%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (65%)
- Magenta (4%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1660, 4.3552, -90.4766 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 193.1660, 4.3552, -90.4766 by changing the saturation by 10% instead.

193.1660, 4.3552,
-90.4766

193.1660, 4.3552,
-90.4766

255.0000, 0.0000,
0.0000

161.7030, 6.5554,
-96.2095

224.8010, 14.8881,
-62.0925

126.6410, 10.5300,
-111.0642

234.0700, 10.3185,
-43.0344

107.2410, 7.2762,
-94.0504

243.3390, 5.7489,
-23.9763

88.5420, 4.1698,
-77.6513

252.3090, 1.3267,
-5.5330

70.6580, 1.6476,
-61.9671

53.3610, -1.1640,
-46.7976

36.2920, -3.1020,

-31.8281

■ 20.6420, -7.2185,
-18.1030

■ 0.0000, 0.0000,
0.0000

■ 193.1660, 4.3552,
-90.4766

■ 193.1660, 4.3552,
-90.4766

■ 185.1920, 4.8353,
-104.5314

■ 201.1400, 3.8750,
-76.4218

■ 177.0330, 5.8997,
-119.3009

■ 209.2990, 2.8106,
-61.6522


■ 169.0590, 6.3799,
-133.3557

■ 217.2730, 2.3304,
-47.5974

■ 163.4060, 6.7018,
-143.3071

■ 225.5460, 1.7028,
-32.9278

 233.4060, 0.7858,
-18.7731

 241.3800, 0.3057,
-4.7183

 247.8590, 0.5625,
6.2627

 248.5430, 3.1833,
5.6628

Harmonies

Analogous

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



205.6290, -24.4671, -39.1396



193.1660, 4.3552, -90.4766



172.5430, 39.1723, -151.3202

Triad

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



193.1660, 4.3552, -90.4766



214.2000, 20.1144, -11.5764



206.7670, -29.9581, 42.3003

Complementary

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



193.1660, 4.3552, -90.4766



140.8340, -4.3552, 90.4766

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.



204.5110, -8.1399, 44.2789



193.1660, 4.3552, -90.4766



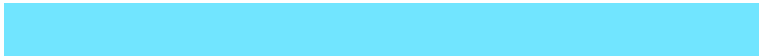
219.7800, 17.3635, 30.8879

Square

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



193.1660, 4.3552, -90.4766



197.2800, 28.4560, -73.9136



210.0970, 13.2632, 39.3799



214.1240, -44.9241, 35.8483

Rectangle

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



193.1660, 4.3552, -90.4766



171.1240, 41.3509, -150.0757



210.0970, 13.2632, 39.3799



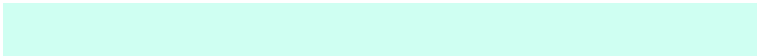
205.3140, -22.8328, 43.5746

Sweetspot

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



193.1660, 4.3552, -90.4766



239.1660, 1.3972, -28.2096



193.5540, -51.0521, -52.2289



118.1180, 0.9278, -17.6435



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.



193.1660, 4.3552, -90.4766



190.9520, 5.4467, -113.9679



178.5830, 32.2506, -77.6873



118.0700, 0.4585, -7.0774



124.5720, 5.1410, -109.2496



39.5350, 1.7082, -34.6722

Inverse Universe

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



140.8340, -4.3552, 90.4766



125.0480, -5.4467, 113.9679



155.4170, -32.2506, 77.6873



113.9300, -0.4585, 7.0774



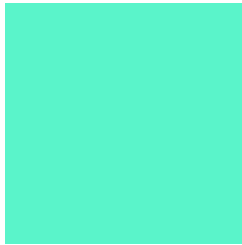
61.4280, -5.1410, 109.2496



19.4650, -1.7082, 34.6722

Previews

White Background



This preview shows how the YUV color 193.1660, 4.3552, -90.4766 looks on a white background.

Color Contrast Check

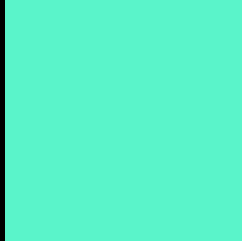
Large Text (above 18pt) WCAG AA × Fail

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 193.1660, 4.3552, -90.4766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

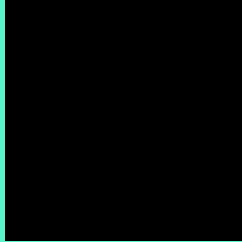
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

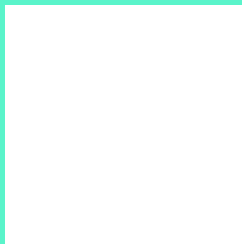
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.1660, 4.3552, -90.4766

Background



This preview shows how black text looks on a background with the YUV color 193.1660, 4.3552, -90.4766.



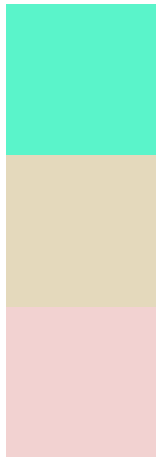
This preview shows how white text looks on a background with the YUV color 193.1660, 4.3552,

-90.4766.

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

193.1660, 4.3552, -90.4766

Protanopia

216.9830, -14.2886, 9.6619

Deuteranopia

219.4540, -5.1538, 19.7728



Tritanopia

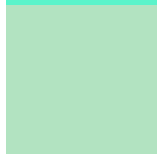
201.9870, 26.1354, -76.2876

Trichromacy



Original Color

193.1660, 4.3552, -90.4766



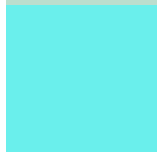
Protanomaly

208.4730, -7.6282, -26.7248



Deuteranomaly

209.7110, -1.8295, -19.9175



Tritanomaly

198.8910, 18.2947, -81.4654

Monochromacy



Original Color

193.1660, 4.3552, -90.4766



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.4320, 1.2660, -32.8279

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1660, 4.3552, -90.4766 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(90, 244, 202)` looks like.

```
.text, #text, p{  
    color:rgb(90, 244, 202)  
}
```

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(90, 244, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 244, 202) }
```

Border

The CSS property to change the border of an element to YUV 193.1660, 4.3552, -90.4766 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(90, 244, 202) }
```


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

```
.border{ border-color:rgb(90, 244, 202) }
```

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

Here you see how a box with a 4 pixel rgb(90, 244, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 244, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 244, 202);  
box-shadow:4px 4px 4px 4px rgb(90, 244,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 193.1660, 4.3552, -90.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 244, 202) }
```

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

```
.background{ background-color: rgb(90, 244,  
202) }
```

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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