

Converting Colors

YUV(191.3790, -8.5678,
-52.0754)

Have a look what the booklet for
YUV(191.3790, -8.5678, -52.0754)
contains.

YUV(191.3790, -8.5678, -52.0754)	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(191.3790, -8.5678,
-52.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	84E1AE
RGB	132, 225, 174
RGB Percent	52%, 88%, 68%
CMY	0.4824, 0.1176, 0.3176
CMYK	0.41, 0.00, 0.23, 0.12
HSL	147°, 61%, 70%
HSV	147°, 41%, 88%
XYZ	44.0809, 61.8120, 49.6520
YIQ	191.3790, -39.0570, -35.5770

Conversions

Conversions Part 2

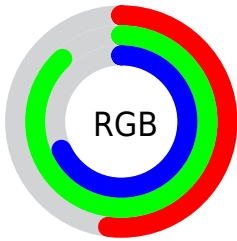
Format	Color
RYB	132, 196, 225
Decimal	8708526
CIELab	82.81, -38.89, 16.43
CIElCh	83, 42.220, 157.103
Yxy	61.8120, 0.2834, 0.3974
Android (android.graphics.Color)	4286898606 (0xFF84E1AE)
YUV	191.3790, -8.5678, -52.0754
Hunter-Lab	78.6206, -37.5048, 17.5904

Details

The YUV color **191.3790, -8.5678, -52.0754** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **165.6210, 8.5678, 52.0754**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1170, -1.0437, -38.6906**, and **135.7210, -7.2575, -52.3753** is the 20% darker color. If you saturate the color by 10%, you get **183.4330, -10.5665, -64.4007**, and if you desaturate by 10%, it is **199.6240, -6.7166, -39.1352**.

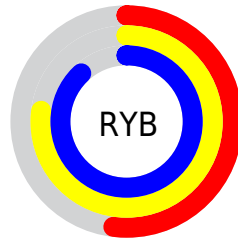
Distribution



Red (52%)

Green (88%)

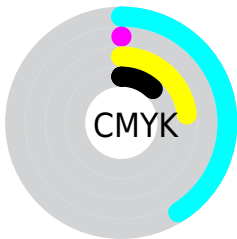
Blue (68%)



Red (52%)

Yellow (77%)

Blue (88%)

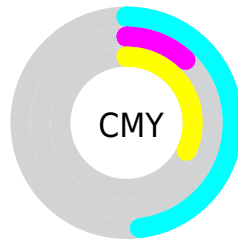


Cyan (41%)

Magenta (0%)

Yellow (23%)

Black (12%)



Cyan (48%)

Magenta (12%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3790, -8.5678, -52.0754 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 191.3790, -8.5678, -52.0754 by changing the saturation by 10% instead.

 191.3790, -8.5678,
-52.0754

 191.3790, -8.5678,
-52.0754

255.0000, 0.0000,
0.0000


 163.4930, -8.1310,
-52.1754


 232.1170, -1.0437,
-38.6906


 135.7210, -7.2575,
-52.3753


 243.6380, 5.6015,
-23.3615

 108.4650, -5.6522,
-53.9048

 252.6080, 1.1793,
-4.9182

 77.9090, -2.4201,
-63.9412

 59.1170, -4.4947,
-51.8456

 42.5210, -7.1589,
-37.2909

 26.2840, -10.9860,

-23.0511

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 191.3790, -8.5678,
-52.0754

■ 191.3790, -8.5678,
-52.0754

■ 183.4330,
-10.5665, -64.4007

■ 199.6240, -6.7166,
-39.1352

■ 175.0740,
-12.8545, -77.2409

■ 207.6840, -4.2812,
-26.9099

■ 167.1280,
-14.8531, -89.5663

■ 215.9290, -2.4300,
-13.9697

■ 158.8830,
-16.7043, -102.5064

■ 223.8750, -0.4314,
-1.6444

■ 150.8230,
-19.1397, -114.7318

■ 231.9350, 2.0040,
10.5810

■ 143.7030,
-20.5596, -126.0275

■ 236.5920, 5.6241,
16.1438

■ 237.3900, 8.6817,
15.4440

Harmonies

Analogous

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



197.9740, -27.5952, -15.7632



191.3790, -8.5678, -52.0754



181.9670, 16.2853, -90.3021

Triad

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



191.3790, -8.5678, -52.0754



199.9140, 27.1574, -30.6196



200.7320, -20.0809, 47.5930

Complementary

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



191.3790, -8.5678, -52.0754



165.6210, 8.5678, 52.0754

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.



201.5420, -1.7462, 46.8827



191.3790, -8.5678, -52.0754



208.4510, 22.9487, 12.7595

Square

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



191.3790, -8.5678, -52.0754



186.6260, 33.7084, -78.6020



209.0370, 14.2788, 40.3096



204.8120, -34.9103, 44.0149

Rectangle

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



191.3790, -8.5678, -52.0754



175.3740, 32.3536, -110.8300



209.0370, 14.2788, 40.3096



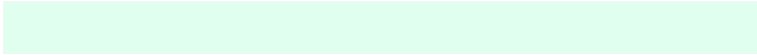
200.3390, -13.9711, 47.9377

Sweetspot

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



191.3790, -8.5678, -52.0754



243.7930, -2.8559, -17.3585



201.8400, -34.4311, -16.5227



121.4780, -1.7147, -10.0662



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.



191.3790, -8.5678, -52.0754



209.0470, -11.8552, -71.0782



196.6230, 11.5249, -56.6744



108.0270, -0.9993, -6.1627



112.3180, -16.4258, -98.5029



30.6840, -4.2812, -26.9099

Inverse Universe

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



165.6210, 8.5678, 52.0754



173.8390, 11.4184, 71.1782



160.3770, -11.5249, 56.6744



104.9730, 0.9993, 6.1627



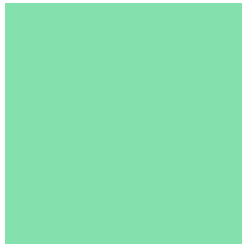
63.5680, 15.9890, 98.6029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 191.3790, -8.5678, -52.0754 looks on a white background.

Color Contrast Check

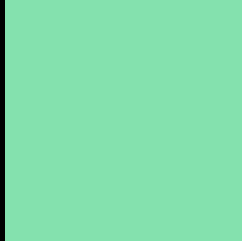
Large Text (above 18pt) WCAG AA × Fail

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 191.3790, -8.5678, -52.0754 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 191.3790, -8.5678, -52.0754 Background



This preview shows how black text looks on a background with the YUV color 191.3790, -8.5678, -52.0754.



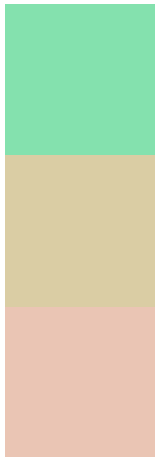
This preview shows how white text looks on a background with the YUV color 191.3790, -8.5678, -52.0754.

-52.0754.

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

191.3790, -8.5678, -52.0754

Protanopia

204.2130, -19.8250, 12.0912

Deuteranopia

206.1250, -12.8796, 24.4464



Tritanopia

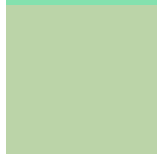
197.7090, 17.8915, -45.3488

Trichromacy



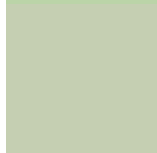
Original Color

191.3790, -8.5678, -52.0754



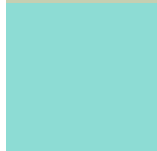
Protanomaly

199.5090, -15.5339, -10.9704



Deuteranomaly

200.7040, -11.1931, -3.2484



Tritanomaly

195.4670, 8.1508, -47.7676

Monochromacy



Original Color

191.3790, -8.5678, -52.0754



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.0810, -2.9979, -18.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3790, -8.5678, -52.0754 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(132, 225, 174)` looks like.

```
.text, #text, p{  
    color:rgb(132, 225, 174)  
}
```

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(132, 225, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 225, 174) }
```

Border

The CSS property to change the border of an element to YUV 191.3790, -8.5678, -52.0754 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(132, 225, 174) }
```


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

```
.border{ border-color:rgb(132, 225, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 225, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 225, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 225, 174);  
box-shadow:4px 4px 4px 4px rgb(132, 225,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 191.3790, -8.5678, -52.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 225, 174) }
```

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

```
.background{ background-color: rgb(132,  
225, 174) }
```

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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