

Converting Colors

YUV(156.1670, -0.0823,
-20.3175)

Have a look what the booklet for
YUV(156.1670, -0.0823, -20.3175)
contains.

YUV(156.1670, -0.0823, -20.3175)	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(156.1670, -0.0823,
-20.3175)**

Conversions

Conversions Part 1

Format	Color
Hex	85A89C
RGB	133, 168, 156
RGB Percent	52%, 66%, 61%
CMY	0.4784, 0.3412, 0.3882
CMYK	0.21, 0.00, 0.07, 0.34
HSL	159°, 17%, 59%
HSV	159°, 21%, 66%
XYZ	29.6762, 35.3921, 36.7197
YIQ	156.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

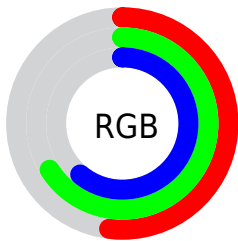
Format	Color
RYB	133, 154, 168
Decimal	8759452
CIELab	66.05, -14.47, 2.26
CIElCh	66, 14.648, 171.131
Yxy	35.3921, 0.2915, 0.3477
Android (android.graphics.Color)	4286949532 (0xFF85A89C)
YUV	156.1670, -0.0823, -20.3175
Hunter-Lab	59.4913, -15.0679, 5.0484

Details

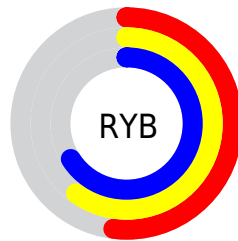
The YUV color **156.1670, -0.0823, -20.3175** is a light color, and the websafe version is hex **669999**. A complement of this color would be **144.8330, 0.0823, 20.3175**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7540, -0.3717, -20.8323**, and **104.8790, 0.0597, -19.1879** is the 20% darker color. If you saturate the color by 10%, you get **150.4000, -0.1972, -30.1688**, and if you desaturate by 10%, it is **161.9340, 0.0325, -10.4661**.

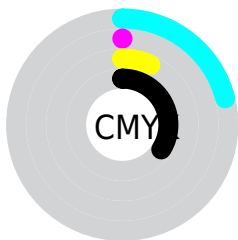
Distribution



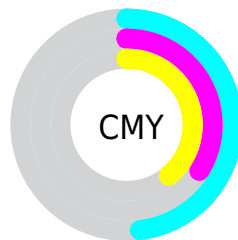
- Red (52%)
- Green (66%)
- Blue (61%)



- Red (52%)
- Yellow (60%)
- Blue (66%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (48%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1670, -0.0823, -20.3175 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 156.1670, -0.0823, -20.3175 by changing the saturation by 10% instead.

■ 156.1670, -0.0823,
-20.3175

■ 156.1670, -0.0823,
-20.3175

255.0000, 0.0000,
0.0000

■ 130.1670, -0.0823,
-20.3175

■ 210.7540, -0.3717,
-20.8323

■ 104.8790, 0.0597,
-19.1879

■ 239.4550, -0.2243,
-21.4470

■ 80.2920, 0.3490,
-18.6731

■ 251.4120, 1.7689,
-7.3773

■ 57.2920, 0.3490,
-18.6731

■ 34.4060, 0.7858,
-18.7731

■ 16.9720, -0.9722,
-14.8844

■ 0.0000, 0.0000,

0.0000

■ 156.1670, -0.0823,
-20.3175

■ 156.1670, -0.0823,
-20.3175

■ 150.4000, -0.1972,
-30.1688

■ 161.9340, 0.0325,
-10.4661

■ 144.6330, -0.3121,
-40.0201

■ 167.7010, 0.1474,
-0.6148

■ 139.2790, -0.1375,
-49.3567

■ 173.0550, -0.0271,
8.7218

■ 133.5120, -0.2524,
-59.2080

■ 178.8220, 0.0878,
18.5731

■ 127.7450, -0.3673,
-69.0594

■ 184.5890, 0.2026,
28.4244

■ 121.9780, -0.4822,
-78.9107

■ 190.3560, 0.3175,
38.2758

■ 116.3250, -0.1602,
-88.8620

■ 196.0090, -0.0044,
48.2271

■ 111.1560, -0.5699,
-97.4838

■ 197.8890, 2.0267,
50.0863

■ 198.5730, 4.6475,
49.4865

Harmonies

Analogous

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



157.5120, -6.6614, -10.0960



156.1670, -0.0823, -20.3175



155.5560, 6.6279, -25.9206

Triad

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



156.1670, -0.0823, -20.3175



161.0780, 11.7935, -2.6994



161.7870, -10.2480, 20.3578

Complementary

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



156.1670, -0.0823, -20.3175



144.8330, 0.0823, 20.3175

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.



163.0630, -5.4541, 22.7467



156.1670, -0.0823, -20.3175



162.6020, 7.0982, 9.9960

Square

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



156.1670, -0.0823, -20.3175



159.0440, 13.2893, -15.8246



163.3490, 0.8139, 18.9879



160.4610, -12.5523, 12.7507

Rectangle

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



156.1670, -0.0823, -20.3175



156.1800, 10.2643, -25.5909



163.3490, 0.8139, 18.9879



162.1400, -8.9430, 21.8022

Sweetspot

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



156.1670, -0.0823, -20.3175



214.6570, 0.1691, -7.5922



157.1330, -11.8976, -10.6406



107.2660, -0.1311, -4.6183



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.1670, -0.0823, -20.3175



200.5030, 0.2450, -32.0131



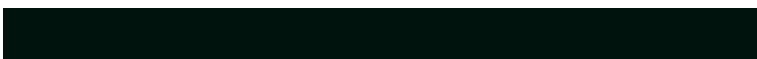
154.6000, 6.6062, -18.9432



81.2660, -0.1311, -4.6183



97.9340, -0.4605, -85.8881



13.2220, -0.1094, -11.5957

Inverse Universe

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



144.8330, 0.0823, 20.3175



182.6110, 0.1918, 31.9132



146.4000, -6.6062, 18.9432



78.7340, 0.1311, 4.6183



50.0660, 0.4605, 85.8881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 156.1670, -0.0823, -20.3175 looks on a white background.

Color Contrast Check

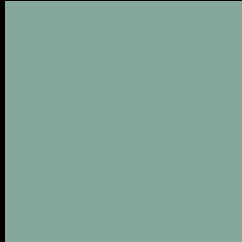
Large Text (above 18pt) WCAG AA × Fail

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 156.1670, -0.0823, -20.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

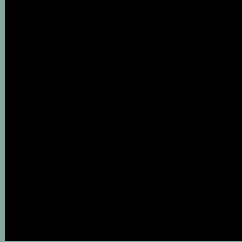
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.1670, -0.0823, -20.3175

Background



This preview shows how black text looks on a background with the YUV color 156.1670, -0.0823, -20.3175.



This preview shows how white text looks on a background with the YUV color 156.1670, -0.0823, -20.3175.

-20.3175.

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

156.1670, -0.0823, -20.3175

Protanopia

159.8820, -4.3788, 4.4885

Deuteranopia

161.7350, -1.3484, 12.5104



Tritanopia

158.1100, 9.8058, -18.5135

Trichromacy



Original Color

156.1670, -0.0823, -20.3175

Protanomaly

158.2830, -2.6045, -4.6332

Deuteranomaly

159.7720, -0.8736, 0.2000

Tritanomaly

157.4860, 6.1694, -18.8432

Monochromacy



Original Color

156.1670, -0.0823, -20.3175

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1670, -0.0823, -20.3175 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(133, 168, 156)` looks like.

```
.text, #text, p{  
    color:rgb(133, 168, 156)  
}
```

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(133, 168, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 168, 156) }
```

Border

The CSS property to change the border of an element to YUV 156.1670, -0.0823, -20.3175 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(133, 168, 156) }
```


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

```
.border{ border-color:rgb(133, 168, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 168, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 168, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 168, 156);  
box-shadow:4px 4px 4px 4px rgb(133, 168,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 156.1670, -0.0823, -20.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 168, 156) }
```

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

```
.background{ background-color: rgb(133,  
168, 156) }
```

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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