

Converting Colors

YUV(156.9560, -3.4293,
-20.1324)

Have a look what the booklet for
YUV(156.9560, -3.4293, -20.1324)
contains.

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Color

**YUV(156.9560, -3.4293,
-20.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	86AA96
RGB	134, 170, 150
RGB Percent	53%, 67%, 59%
CMY	0.4745, 0.3333, 0.4118
CMYK	0.21, 0.00, 0.12, 0.33
HSL	147°, 17%, 60%
HSV	147°, 21%, 67%
XYZ	29.7113, 36.0198, 34.2407
YIQ	156.9560, -15.0360, -13.8520

Conversions

Conversions Part 2

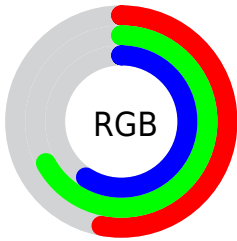
Format	Color
RYB	134, 159, 170
Decimal	8825494
CIELab	66.54, -16.42, 6.30
CIELCh	67, 17.584, 159.019
Yxy	36.0198, 0.2972, 0.3603
Android (android.graphics.Color)	4287015574 (0xFF86AA96)
YUV	156.9560, -3.4293, -20.1324
Hunter-Lab	60.0165, -16.6621, 8.1853

Details

The YUV color **156.9560, -3.4293, -20.1324** is a light color, and the websafe version is hex **669999**. A complement of this color would be **147.0440, 3.4293, 20.1324**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5430, -3.7187, -20.6472**, and **105.6680, -3.2873, -19.0028** is the 20% darker color. If you saturate the color by 10%, you get **150.8470, -4.8546, -29.6838**, and if you desaturate by 10%, it is **163.0650, -2.0040, -10.5810**.

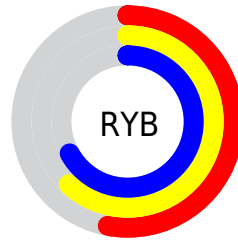
Distribution



Red (53%)

Green (67%)

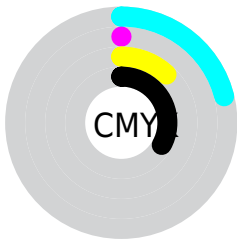
Blue (59%)



Red (53%)

Yellow (62%)

Blue (67%)

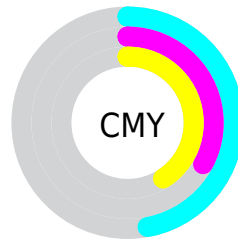


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9560, -3.4293, -20.1324 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 156.9560, -3.4293, -20.1324 by changing the saturation by 10% instead.


 156.9560, -3.4293,
-20.1324


 156.9560, -3.4293,
-20.1324


255.0000, 0.0000,
0.0000


 130.3690, -3.1399,
-19.6176


 211.5430, -3.7187,
-20.6472


 105.6680, -3.2873,
-19.0028


 240.1300, -4.0081,
-21.1620

 81.0810, -2.9979,
-18.4880

 251.7110, 1.6215,
-6.7625

 57.6080, -2.2717,
-18.0732

 35.3090, -2.1243,
-18.6880

 16.7610, -4.3192,
-14.6994

 0.0000, 0.0000,

0.0000

■ 156.9560, -3.4293,
-20.1324

■ 156.9560, -3.4293,
-20.1324

■ 150.8470, -4.8546,
-29.6838

■ 163.0650, -2.0040,
-10.5810

■ 144.6240, -6.7166,
-39.1352

■ 169.2880, -0.1420,
-1.1296

■ 138.5150, -8.1419,
-48.6867

■ 175.3970, 1.2833,
8.4218

■ 132.2920,
-10.0040, -58.1381

■ 181.6200, 3.1453,
17.8733

■ 126.1830,
-11.4292, -67.6895

■ 187.7290, 4.5706,
27.4247

■ 119.9600,
-13.2913, -77.1409

■ 193.9520, 6.4327,
36.8761

■ 113.8510,
-14.7165, -86.6923

■ 200.0610, 7.8579,
46.4275

■ 108.4540,
-15.9998, -95.1142

■ 201.7990, 11.9311,
46.6573

■ 202.8250, 15.8623,
45.7575

Harmonies

Analogous

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



158.7960, -10.7454, -6.8371



156.9560, -3.4293, -20.1324



155.7790, 5.0390, -29.6242

Triad

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



156.9560, -3.4293, -20.1324



161.9460, 15.3096, -10.4766



163.8200, -10.2643, 25.5909

Complementary

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



156.9560, -3.4293, -20.1324



147.0440, 3.4293, 20.1324

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.



164.5410, -3.7177, 25.8355



156.9560, -3.4293, -20.1324



163.9050, 10.8928, 6.2223

Square

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



156.9560, -3.4293, -20.1324



158.3850, 16.0792, -24.0166



164.5600, 4.1609, 18.8029



162.3370, -14.4631, 18.9985

Rectangle

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



156.9560, -3.4293, -20.1324



155.4350, 10.1385, -31.9535



164.5600, 4.1609, 18.8029



164.2870, -8.5225, 26.9353

Sweetspot

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



156.9560, -3.4293, -20.1324



217.2010, -1.5781, -7.1923



161.1120, -13.3662, -6.2372



109.1520, -0.5679, -4.5183



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



156.9560, -3.4293, -20.1324



201.7220, -5.2859, -31.3282



159.0080, 4.4331, -21.9320



81.0380, -1.0047, -4.4183



94.4000, -14.0012, -82.7888



12.7660, -1.8566, -11.1958

Inverse Universe

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



147.0440, 3.4293, 20.1324



186.2780, 5.2859, 31.3282



144.9920, -4.4331, 21.9320



78.8480, 0.5679, 4.5183



53.6000, 14.0012, 82.7888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 156.9560, -3.4293, -20.1324 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 156.9560, -3.4293, -20.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

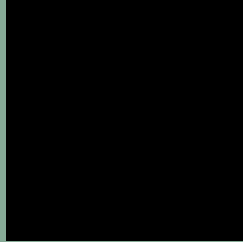
Any Text WCAG AA ✓ Pass

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 156.9560, -3.4293, -20.1324 Background



This preview shows how black text looks on a background with the YUV color 156.9560, -3.4293, -20.1324.



This preview shows how white text looks on a background with the YUV color 156.9560, -3.4293, -20.1324.

-20.1324.

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

156.9560, -3.4293, -20.1324

Protanopia

161.2690, -8.0206, 5.9031

Deuteranopia

162.8340, -4.8482, 15.0546



Tritanopia

159.4090, 9.6584, -17.8987

Trichromacy



Original Color

156.9560, -3.4293, -20.1324

Protanomaly

159.6700, -6.2463, -3.2186

Deuteranomaly

160.5720, -4.2260, 2.1294

Tritanomaly

158.1440, 4.8590, -18.5433

Monochromacy



Original Color

156.9560, -3.4293, -20.1324

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2010, -1.5781, -7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9560, -3.4293, -20.1324 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(134, 170, 150)` looks like.

```
.text, #text, p{  
    color:rgb(134, 170, 150)  
}
```

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(134, 170, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 170, 150) }
```

Border

The CSS property to change the border of an element to YUV 156.9560, -3.4293, -20.1324 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(134, 170, 150) }
```


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

```
.border{ border-color:rgb(134, 170, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 170, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 170, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 170, 150);  
box-shadow:4px 4px 4px 4px rgb(134, 170,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 156.9560, -3.4293, -20.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 170, 150) }
```

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

```
.background{ background-color: rgb(134,  
170, 150) }
```

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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