

Converting Colors

YUV(156.9490, 3.9691,
-13.1103)

Have a look what the booklet for
YUV(156.9490, 3.9691, -13.1103)
contains.

YUV(156.9490, 3.9691, -13.1103)	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(156.9490, 3.9691,
-13.1103)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA3A5
RGB	142, 163, 165
RGB Percent	56%, 64%, 65%
CMY	0.4431, 0.3608, 0.3529
CMYK	0.14, 0.01, 0.00, 0.35
HSL	185°, 11%, 60%
HSV	185°, 14%, 65%
XYZ	31.0441, 34.6618, 40.6515
YIQ	156.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

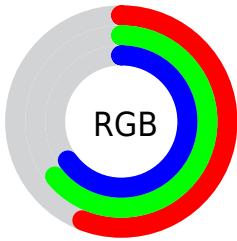
Format	Color
RYB	142, 153, 165
Decimal	9348005
CIELab	65.48, -6.89, -3.52
CIElCh	65, 7.738, 207.081
Yxy	34.6618, 0.2919, 0.3259
Android (android.graphics.Color)	4287538085 (0xFF8EA3A5)
YUV	156.9490, 3.9691, -13.1103
Hunter-Lab	58.8743, -8.9079, 0.2734

Details

The YUV color **156.9490, 3.9691, -13.1103** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150.0510, -3.9691, 13.1103**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6500, 4.1165, -13.7251**, and **105.2480, 3.8217, -12.4955** is the 20% darker color. If you saturate the color by 10%, you get **151.5780, 6.6170, -22.4319**, and if you desaturate by 10%, it is **162.3200, 1.3212, -3.7886**.

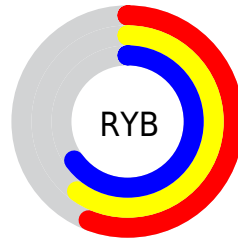
Distribution



Red (56%)

Green (64%)

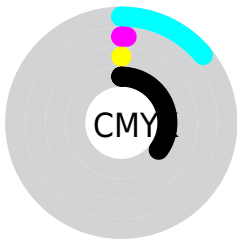
Blue (65%)



Red (56%)

Yellow (60%)

Blue (65%)

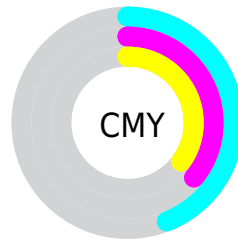


Cyan (14%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9490, 3.9691, -13.1103 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 156.9490, 3.9691, -13.1103 by changing the saturation by 10% instead.

■ 156.9490, 3.9691,
-13.1103

■ 156.9490, 3.9691,
-13.1103

255.0000, 0.0000,
0.0000

■ 130.9490, 3.9691,
-13.1103

■ 211.6500, 4.1165,
-13.7251

■ 105.2480, 3.8217,
-12.4955

■ 239.6500, 4.1166,
-13.7250

■ 81.5470, 3.6743,
-11.8807

■ 254.4020, 0.2948,
-1.2296

■ 58.4330, 3.2375,
-11.7807

■ 36.4330, 3.2375,
-11.7807

■ 15.5360, 3.6798,
-13.6251

■ 0.0000, 0.0000,

0.0000

■ 156.9490, 3.9691,
-13.1103

■ 156.9490, 3.9691,
-13.1103

■ 151.5780, 6.6170,
-22.4319

■ 162.3200, 1.3212,
-3.7886

■ 145.3210, 9.7017,
-31.8535

■ 168.5770, -1.7635,
5.6330

■ 139.6510, 12.4971,
-41.7899

■ 173.9480, -4.4114,
14.9546

■ 133.6930, 15.4344,
-50.5968

■ 180.2050, -7.4961,
24.3762

■ 128.0230, 18.2297,
-60.5332

■ 185.5760,
-10.1440, 33.6978

■ 122.0650, 21.1670,
-69.3400

■ 191.8330,
-13.2287, 43.1195

■ 116.6940, 23.8149,
-78.6616

■ 196.6060,
-15.5818, 51.2115

■ 111.0240, 26.6102,
-88.5980

■ 197.1930,
-15.8711, 50.6967

■ 107.4470, 28.3736,
-94.2310

■ 198.3670,
-16.4499, 49.6671

Harmonies

Analogous

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



156.7490, 0.6167, -11.1809



156.9490, 3.9691, -13.1103



157.8290, 6.0003, -11.2510

Triad

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



156.9490, 3.9691, -13.1103



160.2550, 3.3253, 6.7924



158.9100, -6.8576, 6.2179

Complementary

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



156.9490, 3.9691, -13.1103



150.0510, -3.9691, 13.1103

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.



159.8720, -5.8529, 10.6363



156.9490, 3.9691, -13.1103



160.3650, -0.1799, 11.0809

Square

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



156.9490, 3.9691, -13.1103



159.4930, 5.6730, 0.4446



160.4530, -3.6743, 11.8807



157.9200, -5.3836, 0.0702

Rectangle

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



156.9490, 3.9691, -13.1103



158.6660, 6.5737, -8.4771



160.4530, -3.6743, 11.8807



159.0350, -6.4263, 7.8623

Sweetspot

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



156.9490, 3.9691, -13.1103



211.0210, 1.4686, -4.4034



155.7290, -5.7824, -12.0403



105.5050, 0.7370, -3.0739



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



156.9490, 3.9691, -13.1103



201.4750, 6.1748, -20.5876



150.4920, 7.1524, -7.4475



78.7220, 1.6161, -5.0182



94.6010, 24.8467, -82.9651



11.4440, 3.2321, -10.0364

Inverse Universe

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



151.2710, 5.7824, 12.0403



192.5260, 9.1077, 18.8327



156.5080, -7.1524, 7.4475



76.6030, 2.1677, 4.7332



58.5170, 36.7201, 75.8456



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 156.9490, 3.9691, -13.1103 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 156.9490, 3.9691, -13.1103 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

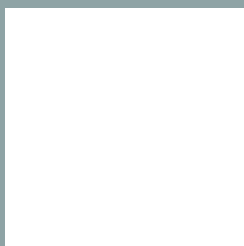
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.9490, 3.9691, -13.1103

Background



This preview shows how black text looks on a background with the YUV color 156.9490, 3.9691, -13.1103.



This preview shows how white text looks on a background with the YUV color 156.9490, 3.9691, -13.1103.

-13.1103.

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

156.9490, 3.9691, -13.1103

Protanopia

159.3530, 1.3050, 1.4444

Deuteranopia

160.2660, 3.3199, 8.5367



Tritanopia

157.9860, 7.8949, -12.2657

Trichromacy



Original Color

156.9490, 3.9691, -13.1103

Protanomaly

158.5480, 2.1948, -3.9886

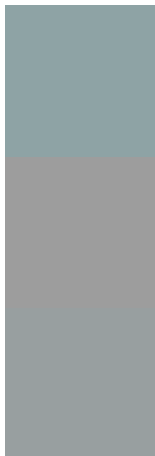
Deuteranomaly

158.9230, 3.4890, 0.9445

Tritanomaly

157.3450, 6.7319, -12.5806

Monochromacy



Original Color

156.9490, 3.9691, -13.1103

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9490, 3.9691, -13.1103 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(142, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(142, 163, 165)  
}
```

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(142, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 163, 165) }
```

Border

The CSS property to change the border of an element to YUV 156.9490, 3.9691, -13.1103 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(142, 163, 165) }
```


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

```
.border{ border-color:rgb(142, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(142, 163,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 156.9490, 3.9691, -13.1103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 163, 165) }
```

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

```
.background{ background-color: rgb(142,  
163, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor