

Converting Colors

YUV(156.8210, -31.9568,
29.9750)

Have a look what the booklet for
YUV(156.8210, -31.9568, 29.9750)
contains.

YUV(156.8210, -31.9568, 29.9750)	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(156.8210, -31.9568,
29.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	BF985C
RGB	191, 152, 92
RGB Percent	75%, 60%, 36%
CMY	0.2510, 0.4039, 0.6392
CMYK	0.00, 0.20, 0.52, 0.25
HSL	36°, 44%, 55%
HSV	36°, 52%, 75%
XYZ	34.6459, 34.3055, 14.9208
YIQ	156.8210, 42.5040, -10.3920

Conversions

Conversions Part 2

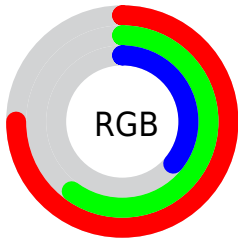
Format	Color
RYB	156, 191, 92
Decimal	12556380
CIELab	65.20, 7.15, 36.90
CIELCh	65, 37.582, 79.032
Yxy	34.3055, 0.4131, 0.4090
Android (android.graphics.Color)	4290746460 (0xFFBF985C)
YUV	156.8210, -31.9568, 29.9750
Hunter-Lab	58.5709, 3.0871, 25.8957

Details

The YUV color **156.8210, -31.9568, 29.9750** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **126.1790, 31.9568, -29.9750**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6750, -33.8568, 32.7340**, and **104.6680, -29.9093, 26.6012** is the 20% darker color. If you saturate the color by 10%, you get **149.9590, -37.9408, 35.9930**, and if you desaturate by 10%, it is **163.6830, -25.9727, 23.9570**.

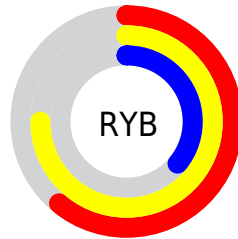
Distribution



Red (75%)

Green (60%)

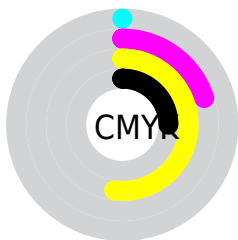
Blue (36%)



Red (61%)

Yellow (75%)

Blue (36%)

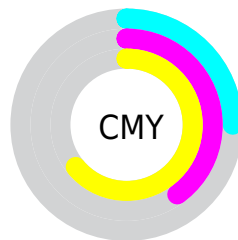


Cyan (0%)

Magenta (20%)

Yellow (52%)

Black (25%)



Cyan (25%)

Magenta (40%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8210, -31.9568, 29.9750 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 156.8210, -31.9568, 29.9750 by changing the saturation by 10% instead.

■ 156.8210,
-31.9568, 29.9750

■ 156.8210,
-31.9568, 29.9750

255.0000, 0.0000,
0.0000

■ 130.4510,
-30.7883, 28.5455

■ 211.6750,
-33.8568, 32.7340

■ 104.6680,
-29.9093, 26.6012

■ 232.9830,
-31.0506, 19.3089

■ 79.7710, -29.4671,
24.7568

■ 248.5020,
-24.8975, 5.6987

■ 56.8030, -28.0039,
22.0978

■ 251.6940,
-12.6671, 2.8994

■ 36.1150, -17.8047,
17.4391

■ 16.6120, -8.1897,
13.4953

■ 0.0000, 0.0000,

0.0000

■ 156.8210,
-31.9568, 29.9750

■ 156.8210,
-31.9568, 29.9750

■ 149.9590,
-37.9408, 35.9930

■ 163.6830,
-25.9727, 23.9570

■ 143.6840,
-44.2142, 41.4961

■ 169.9580,
-19.6993, 18.4538

■ 136.8220,
-50.1982, 47.5141

■ 176.8200,
-13.7153, 12.4359

■ 130.5470,
-56.4717, 53.0173

■ 183.0950, -7.4418,
6.9327

■ 125.2010,
-61.7241, 57.7057

■ 189.9570, -1.4578,
0.9147

■ 196.3460, 5.2524,
-4.6884

■ 203.2080, 11.2365,
-10.7064

■ 209.4830, 17.5099,
-16.2096

■ 215.3190, 19.5627,
-21.3278

Harmonies

Analogous

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



158.5920, -24.4489, 48.5928



156.8210, -31.9568, 29.9750



153.8240, -29.9862, 4.5394

Triad

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



156.8210, -31.9568, 29.9750



123.7180, 27.2540, -108.5007



162.7080, 19.8640, 22.1811

Complementary

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



156.8210, -31.9568, 29.9750



126.1790, 31.9568, -29.9750

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.



158.7620, 31.1763, -12.9463



156.8210, -31.9568, 29.9750



125.2630, 40.7893, -109.8557

Square

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



156.8210, -31.9568, 29.9750



141.5660, 1.2000, -58.3784



147.8060, 37.5636, -55.0809



162.2630, 4.8003, 47.1273

Rectangle

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



156.8210, -31.9568, 29.9750



151.2390, -22.7958, -15.1186



147.8060, 37.5636, -55.0809



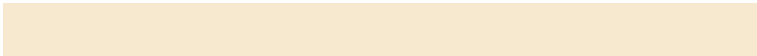
162.0810, 24.1171, 11.3300

Sweetspot

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



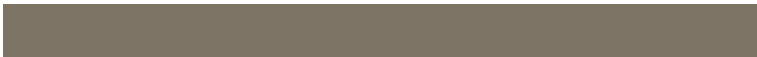
156.8210, -31.9568, 29.9750



233.7490, -12.6943, 11.6211



126.1610, 2.8786, 56.8638



116.9810, -7.8786, 7.0327



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



156.8210, -31.9568, 29.9750



194.3380, -49.4666, 46.1846



176.7240, -41.7689, 3.7501



91.2130, -3.0630, 2.4442



103.5940, -51.0718, 47.7141



20.4220, -10.0680, 9.2769

Inverse Universe

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



126.1790, 31.9568, -29.9750



146.6620, 49.4666, -46.1846



106.2760, 41.7689, -3.7501



88.3740, 2.7736, -2.9590



54.4060, 51.0718, -47.7141



10.5780, 10.0680, -9.2769

Previews

White Background



This preview shows how the YUV color 156.8210, -31.9568, 29.9750 looks on a white background.

Color Contrast Check

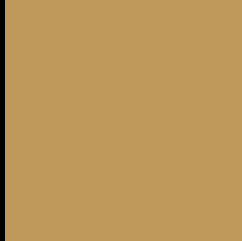
Large Text (above 18pt) WCAG AA × Fail

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 156.8210, -31.9568, 29.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

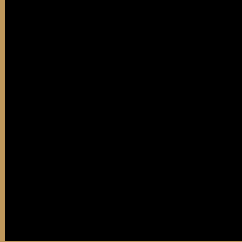
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.8210, -31.9568, 29.9750

Background



This preview shows how black text looks on a background with the YUV color 156.8210, -31.9568, 29.9750.



This preview shows how white text looks on a background with the YUV color 156.8210, -31.9568, 29.9750.

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

156.8210, -31.9568, 29.9750

Protanopia

155.7760, -30.4556, 15.1054

Deuteranopia

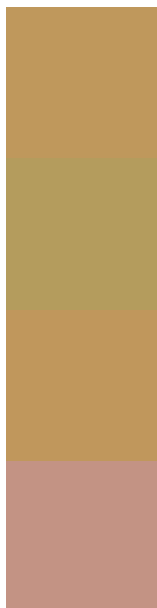
156.8320, -31.9622, 31.7193



Tritanopia

161.1010, -3.0078, 31.4834

Trichromacy



Original Color

156.8210, -31.9568, 29.9750

Protanomaly

155.9940, -31.0560, 21.0533

Deuteranomaly

156.5330, -31.8148, 31.1046

Tritanomaly

159.6420, -13.6275, 31.0090

Monochromacy



Original Color

156.8210, -31.9568, 29.9750

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.6780, -11.6733, 10.8064

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8210, -31.9568, 29.9750 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(191, 152, 92)` looks like.

```
.text, #text, p{  
    color:rgb(191, 152, 92)  
}
```

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(191, 152, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 152, 92) }
```

Border

The CSS property to change the border of an element to YUV 156.8210, -31.9568, 29.9750 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(191, 152, 92) }
```


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

```
.border{ border-color:rgb(191, 152, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 152, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 152, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 152, 92);  
box-shadow:4px 4px 4px 4px rgb(191, 152,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 156.8210, -31.9568, 29.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 152, 92) }
```

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

```
.background{ background-color: rgb(191,  
152, 92) }
```

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