

Converting Colors

YUV(158.4470, -31.2794,
46.0890)

Have a look what the booklet for
YUV(158.4470, -31.2794, 46.0890)
contains.

YUV(158.4470, -31.2794, 46.0890)	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(158.4470, -31.2794,
46.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	D3905F
RGB	211, 144, 95
RGB Percent	83%, 56%, 37%
CMY	0.1725, 0.4353, 0.6275
CMYK	0.00, 0.32, 0.55, 0.17
HSL	25°, 57%, 60%
HSV	25°, 55%, 83%
XYZ	38.9028, 34.6216, 15.4587
YIQ	158.4470, 55.6610, -1.0350

Conversions

Conversions Part 2

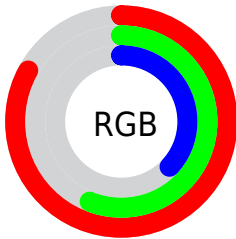
Format	Color
R _{YB}	211, 180, 95
Decimal	13865055
CIE _{Lab}	65.45, 20.15, 36.10
CIE _{LCh}	65, 41.341, 60.836
Yxy	34.6216, 0.4372, 0.3891
Android (android.graphics.Color)	4292055135 (0xFFD3905F)
YUV	158.4470, -31.2794, 46.0890
Hunter-Lab	58.8401, 15.0469, 25.6112

Details

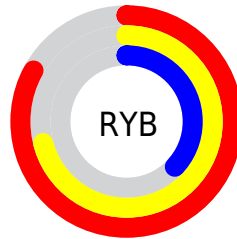
The YUV color **158.4470, -31.2794, 46.0890** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **147.5530, 31.2794, -46.0890**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1150, -31.1157, 40.2411**, and **105.6960, -28.9371, 41.4856** is the 20% darker color. If you saturate the color by 10%, you get **149.0090, -36.9794, 54.3661**, and if you desaturate by 10%, it is **167.8850, -25.5793, 37.8119**.

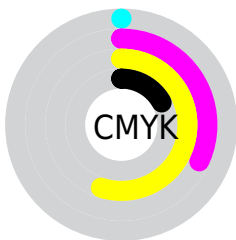
Distribution



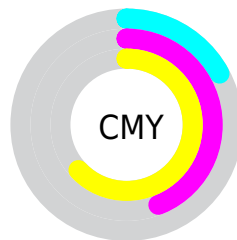
- Red (83%)
- Green (56%)
- Blue (37%)



- Red (83%)
- Yellow (71%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (17%)



- Cyan (17%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.4470, -31.2794, 46.0890 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 158.4470, -31.2794, 46.0890 by changing the saturation by 10% instead.


 158.4470,
-31.2794, 46.0890


 158.4470,
-31.2794, 46.0890


255.0000, 0.0000,
0.0000

 131.7780,
-29.9636, 44.0447


 209.1150,
-31.1157, 40.2411

 105.6960,
-28.9371, 41.4856


 228.6290,
-27.4251, 23.1274


 80.6140, -27.9107,
38.9265

 248.8440,
-23.5871, 5.3988

 56.5920, -27.8999,
35.4378

 252.0360,
-11.3567, 2.5994

 35.9040, -17.7007,
30.7792

 15.2160, -7.5015,
26.1206

 0.2990, -0.1474,

0.6148

■ 0.0000, 0.0000,
0.0000

■ 158.4470,
-31.2794, 46.0890

■ 158.4470,
-31.2794, 46.0890

■ 149.0090,
-36.9794, 54.3661

■ 167.8850,
-25.5793, 37.8119

■ 139.5710,
-42.6795, 62.6432

■ 177.3230,
-19.8792, 29.5347

■ 129.5460,
-48.0902, 71.4352

■ 187.3480,
-14.4686, 20.7428

■ 120.1080,
-53.7902, 79.7123

■ 196.7860, -8.7685,
12.4657

■ 115.3320,
-56.8587, 83.9008

■ 206.3380, -2.6316,
4.0886

■ 215.7760, 3.0684,
-4.1886

■ 225.2140, 8.7685,
-12.4657

■ 233.6260, 10.5374,
-19.8430

■ 241.2570, 6.7753,
-26.5354

Harmonies

Analogous

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



160.2650, -18.3716, 59.4036



158.4470, -31.2794, 46.0890



155.8540, -35.4240, 22.0530

Triad

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



158.4470, -31.2794, 46.0890



130.0870, 14.2541, -92.1613



161.9210, 30.1119, 1.8233

Complementary

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



158.4470, -31.2794, 46.0890



147.5530, 31.2794, -46.0890

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.



152.1540, 39.8571, -43.9851



158.4470, -31.2794, 46.0890



126.2430, 34.3902, -110.7151

Square

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



158.4470, -31.2794, 46.0890



145.6360, -11.6525, -42.6538



126.3860, 47.6307, -110.8405



163.7700, 15.8894, 37.0357

Rectangle

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



158.4470, -31.2794, 46.0890



153.5310, -32.3068, 2.1653



126.3860, 47.6307, -110.8405



159.7450, 33.6497, -12.9314

Sweetspot

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



158.4470, -31.2794, 46.0890



236.2380, -10.9633, 16.4543



137.4360, 12.6031, 64.5156



116.9320, -6.8685, 9.7066



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.



158.4470, -31.2794, 46.0890



178.9090, -45.3111, 66.7318



191.9060, -47.7747, 16.7454



100.2240, -3.0684, 4.1886



91.9090, -45.3111, 66.7318



22.2380, -10.9633, 16.4543

Inverse Universe

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



147.5530, 31.2794, -46.0890



163.0910, 45.3111, -66.7318



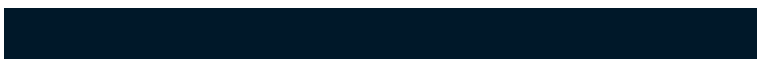
114.0940, 47.7747, -16.7454



98.7760, 3.0684, -4.1886



76.0910, 45.3111, -66.7318



18.7620, 10.9633, -16.4543

Previews

White Background



This preview shows how the YUV color 158.4470, -31.2794, 46.0890 looks on a white background.

Color Contrast Check

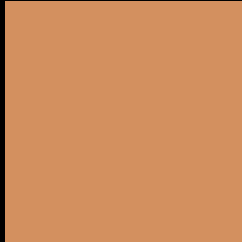
Large Text (above 18pt) WCAG AA × Fail

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 158.4470, -31.2794, 46.0890 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 158.4470, -31.2794, 46.0890

Background



This preview shows how black text looks on a background with the YUV color 158.4470, -31.2794, 46.0890.



This preview shows how white text looks on a background with the YUV color 158.4470, -31.2794,

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

158.4470, -31.2794, 46.0890

Protanopia

156.8730, -27.5454, 15.0204

Deuteranopia

157.8320, -31.9622, 31.7193



Tritanopia

161.5760, -6.6930, 46.8528

Trichromacy



Original Color

158.4470, -31.2794, 46.0890

Protanomaly

157.5970, -28.8883, 25.7864

Deuteranomaly

157.9790, -31.5416, 36.8524

Tritanomaly

160.8720, -15.7129, 46.5933

Monochromacy



Original Color

158.4470, -31.2794, 46.0890

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1240, -11.4001, 16.5543

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4470, -31.2794, 46.0890 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(211, 144, 95)` looks like.

```
.text, #text, p{  
    color:rgb(211, 144, 95)  
}
```

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(211, 144, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 144, 95) }
```

Border

The CSS property to change the border of an element to YUV 158.4470, -31.2794, 46.0890 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(211, 144, 95) }
```


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

```
.border{ border-color:rgb(211, 144, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 144, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 144, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 144, 95);  
box-shadow:4px 4px 4px 4px rgb(211, 144,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 158.4470, -31.2794, 46.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 144, 95) }
```

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

```
.background{ background-color: rgb(211,  
144, 95) }
```

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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