

Converting Colors

YUV(88.4690, -31.2902,
49.5777)

Have a look what the booklet for
YUV(88.4690, -31.2902, 49.5777)
contains.

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Color

**YUV(88.4690, -31.2902,
49.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	914819
RGB	145, 72, 25
RGB Percent	57%, 28%, 10%
CMY	0.4314, 0.7176, 0.9020
CMYK	0.00, 0.50, 0.83, 0.43
HSL	24°, 71%, 33%
HSV	24°, 83%, 57%
XYZ	14.1699, 10.7247, 2.2429
YIQ	88.4690, 58.5950, 0.8590

Conversions

Conversions Part 2

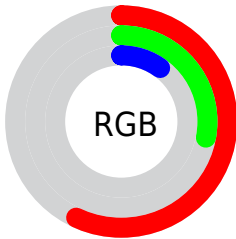
Format	Color
R_{YB}	145, 102, 25
Decimal	9521177
CIE _{Lab}	39.11, 27.57, 40.20
CIE _{LCh}	39, 48.741, 55.558
Yxy	10.7247, 0.5222, 0.3952
Android (android.graphics.Color)	4287711257 (0xFF914819)
YUV	88.4690, -31.2902, 49.5777
Hunter-Lab	32.7485, 19.9249, 18.8632

Details

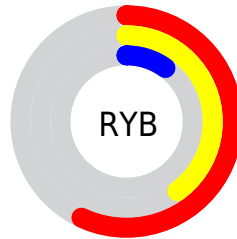
The YUV color **88.4690, -31.2902, 49.5777** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **81.5310, 31.2902, -49.5777**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8180, -33.9273, 55.4106**, and **40.9870, -20.2066, 41.2304** is the 20% darker color. If you saturate the color by 10%, you get **81.5900, -34.8009, 55.6106**, and if you desaturate by 10%, it is **95.3480, -27.7796, 43.5448**.

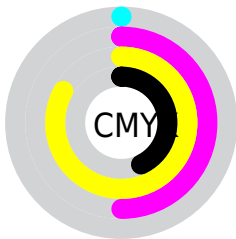
Distribution



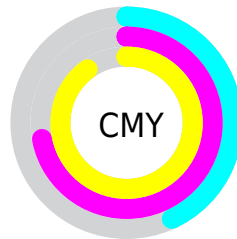
- Red (57%)
- Green (28%)
- Blue (10%)



- Red (57%)
- Yellow (40%)
- Blue (10%)



- Cyan (0%)
- Magenta (50%)
- Yellow (83%)
- Black (43%)



- Cyan (43%)
- Magenta (72%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4690, -31.2902, 49.5777 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 88.4690, -31.2902, 49.5777 by changing the saturation by 10% instead.

■ 88.4690, -31.2902,
49.5777

■ 88.4690, -31.2902,
49.5777

255.0000, 0.0000,
0.0000

■ 62.8600, -30.9900,
46.6038

■ 140.8180,
-33.9273, 55.4106

■ 40.9870, -20.2066,
41.2304

■ 167.9000,
-34.9537, 57.9697

■ 19.4130, -9.5706,
36.4718

■ 192.8780,
-34.9429, 54.4810

■ 11.1770, -5.0173,
22.6468


■ 211.8050,
-30.9629, 37.8820


■ 0.0000, 0.0000,
0.0000


■ 231.9060,
-27.5617, 20.2534


■ 249.0720,


-22.7135, 5.1989


 252.3780,
-10.0464, 2.2995


 88.4690, -31.2902,
49.5777


 88.4690, -31.2902,
49.5777


 81.5900, -34.8009,
55.6106


 95.3480, -27.7796,
43.5448

 76.8140, -37.8693,
59.7991

 102.3410,
-23.8321, 37.4119

 108.6330,
-20.0321, 31.8939

 115.6260,
-16.0846, 25.7610

 122.5050,
-12.5740, 19.7281

■ 129.4980, -8.6265,
13.5953

■ 136.3770, -5.1159,
7.5624

■ 143.3700, -1.1684,
1.4295

■ 149.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



87.8510, -13.7305, 64.1517



88.4690, -31.2902, 49.5777



86.3400, -42.5656, 26.0118

Triad

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



88.4690, -31.2902, 49.5777



74.2600, 5.2948, -65.1260



91.6250, 35.6809, -11.0721

Complementary

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



88.4690, -31.2902, 49.5777



81.5310, 31.2902, -49.5777

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.



77.6070, 46.0427, -68.0613



88.4690, -31.2902, 49.5777



78.8200, 22.7667, -69.1251

Square

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



88.4690, -31.2902, 49.5777



71.4130, -13.5146, -52.1052



80.7070, 37.6124, -70.7800



94.5400, 21.4258, 34.6064

Rectangle

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



88.4690, -31.2902, 49.5777



84.4470, -41.6324, 6.6240



80.7070, 37.6124, -70.7800



86.1490, 40.8455, -34.3337

Sweetspot

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



88.4690, -31.2902, 49.5777



166.6190, -12.1372, 19.6281



69.3160, 14.6342, 66.3749



80.8290, -7.3107, 11.5510



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



88.4690, -31.2902, 49.5777



100.7640, -48.6907, 77.3830



123.1020, -48.3643, 19.2045



67.8540, -1.9000, 2.7590



71.4760, -35.2377, 55.7105



4.1530, -2.0474, 3.3738

Inverse Universe

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



81.5310, 31.2902, -49.5777



90.2360, 48.6907, -77.3830



46.8980, 48.3643, -19.2045



67.7330, 1.6106, -3.2738



63.5240, 35.2377, -55.7105



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 88.4690, -31.2902, 49.5777 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 88.4690, -31.2902, 49.5777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

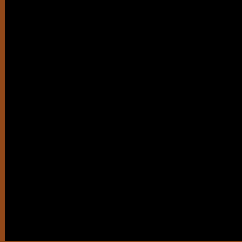
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4690, -31.2902, 49.5777

Background



This preview shows how black text looks on a background with the YUV color 88.4690, -31.2902, 49.5777.



This preview shows how white text looks on a background with the YUV color 88.4690, -31.2902,

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

88.4690, -31.2902, 49.5777

Protanopia

89.1070, -29.1398, 13.0612

Deuteranopia

88.6910, -34.8507, 24.8270



Tritanopia

91.4900, -9.6086, 48.6823

Trichromacy



Original Color

88.4690, -31.2902, 49.5777

Protanomaly

88.6680, -29.9093, 26.6012

Deuteranomaly

88.5010, -33.2780, 33.7636

Tritanomaly

90.4270, -17.4655, 48.7375

Monochromacy



Original Color

88.4690, -31.2902, 49.5777

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1350, -11.4056, 18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4690, -31.2902, 49.5777 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(145, 72, 25)` looks like.

```
.text, #text, p{  
    color:rgb(145, 72, 25)  
}
```

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(145, 72, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 72, 25) }
```

Border

The CSS property to change the border of an element to YUV 88.4690, -31.2902, 49.5777 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(145, 72, 25) }
```


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

```
.border{ border-color:rgb(145, 72, 25) }
```

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

Here you see how a box with a 4 pixel rgb(145, 72, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 72, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 72, 25);  
box-shadow:4px 4px 4px 4px rgb(145, 72,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 88.4690, -31.2902, 49.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 72, 25) }
```

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

```
.background{ background-color: rgb(145, 72,  
25) }
```

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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