

Converting Colors

YUV(122.2030, -47.9211,
63.8430)

Have a look what the booklet for
YUV(122.2030, -47.9211, 63.8430)
contains.

YUV(122.2030, -47.9211, 63.8430)	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(122.2030, -47.9211,
63.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	C36819
RGB	195, 104, 25
RGB Percent	76%, 41%, 10%
CMY	0.2353, 0.5922, 0.9020
CMYK	0.00, 0.47, 0.87, 0.24
HSL	28°, 77%, 43%
HSV	28°, 87%, 76%
XYZ	27.6315, 21.5729, 3.6274
YIQ	122.2030, 79.5950, -5.2770

Conversions

Conversions Part 2

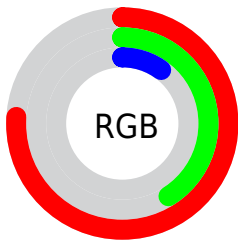
Format	Color
R_{YB}	195, 173, 25
Decimal	12806169
CIE _{Lab}	53.57, 31.35, 55.60
CIE _{LCh}	54, 63.827, 60.580
Yxy	21.5729, 0.5230, 0.4083
Android (android.graphics.Color)	4290996249 (0xFFC36819)
YUV	122.2030, -47.9211, 63.8430
Hunter-Lab	46.4467, 24.9093, 27.8823

Details

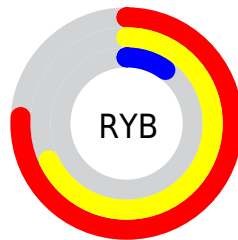
The YUV color **122.2030, -47.9211, 63.8430** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **97.7970, 47.9211, -63.8430**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7090, -48.6635, 68.6612**, and **72.6500, -35.8164, 54.6810** is the 20% darker color. If you saturate the color by 10%, you get **114.1670, -53.3263, 70.8905**, and if you desaturate by 10%, it is **130.2390, -42.5158, 56.7954**.

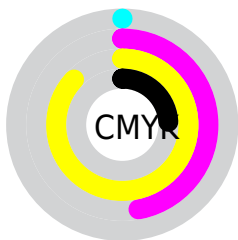
Distribution



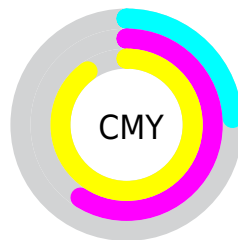
- Red (76%)
- Green (41%)
- Blue (10%)



- Red (76%)
- Yellow (68%)
- Blue (10%)



- Cyan (0%)
- Magenta (47%)
- Yellow (87%)
- Black (24%)



- Cyan (24%)
- Magenta (59%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2030, -47.9211, 63.8430 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 122.2030, -47.9211, 63.8430 by changing the saturation by 10% instead.

122.2030,
-47.9211, 63.8430

122.2030,
-47.9211, 63.8430

255.0000, 0.0000,
0.0000

95.7080, -47.1840,
60.7691

176.7090,
-48.6635, 68.6612

72.6500, -35.8164,
54.6810

195.5220,
-45.1203, 52.1622

49.5920, -24.4489,
48.5928

214.9220,
-41.8665, 35.1484

25.6590, -12.6499,
44.1491

235.0230,
-38.4653, 17.5198

14.9500, -7.3703,
30.7388

247.0200,
-30.5759, 6.9985

2.6910, -1.3267,
5.5330

250.2120,

0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.5180, -5.6784,
1.2997

122.2030,
-47.9211, 63.8430

122.2030,
-47.9211, 63.8430

114.1670,
-53.3263, 70.8905

130.2390,
-42.5158, 56.7954

111.7220,
-55.0789, 73.0348

138.9760,
-36.9632, 49.1330

147.0120,
-31.5579, 42.0855

155.7490,
-26.0053, 34.4231

163.7850,
-20.6000, 27.3756

■ 172.5220,
-15.0473, 19.7132

■ 180.5580, -9.6421,
12.6656

■ 189.2950, -4.0894,
5.0033

■ 197.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



121.5890, -22.9684, 87.1834



122.2030, -47.9211, 63.8430



119.7090, -59.0165, 29.1962

Triad

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



122.2030, -47.9211, 63.8430



104.2890, 11.1965, -91.4615



129.4270, 46.1315, -3.0055

Complementary

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



122.2030, -47.9211, 63.8430



97.7970, 47.9211, -63.8430

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.



105.9040, 65.6163, -92.8778



122.2030, -47.9211, 63.8430



110.6730, 35.6572, -97.0602

Square

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



122.2030, -47.9211, 63.8430



95.5570, -12.1066, -83.8035



111.8250, 55.3023, -98.0705



129.3500, 26.4495, 56.6981

Rectangle

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



122.2030, -47.9211, 63.8430



115.7010, -57.0406, 2.0162



111.8250, 55.3023, -98.0705



124.0860, 53.2016, -30.7704

Sweetspot

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



122.2030, -47.9211, 63.8430



224.0450, -18.2632, 24.5165



86.4320, 15.5630, 95.2141



110.5260, -11.1053, 15.3247



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.



122.2030, -47.9211, 63.8430



144.0270, -71.0053, 94.6923



170.3370, -71.6511, 21.6295



92.9250, -2.9210, 3.5738



92.1640, -45.4369, 60.3692



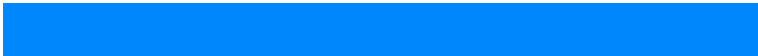
18.6720, -9.2053, 12.5657

Inverse Universe

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



97.7970, 47.9211, -63.8430



107.9730, 71.0053, -94.6923



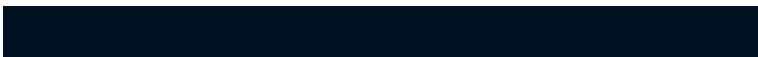
49.0760, 71.9405, -21.1147



91.0750, 2.9210, -3.5738



68.8360, 45.4369, -60.3692



14.3280, 9.2053, -12.5657

Previews

White Background



This preview shows how the YUV color 122.2030, -47.9211, 63.8430 looks on a white 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

Black Background



This preview shows how the YUV color 122.2030, -47.9211, 63.8430 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 × Fail

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

YUV 122.2030, -47.9211, 63.8430

Background



This preview shows how black text looks on a background with the YUV color 122.2030, -47.9211, 63.8430.



This preview shows how white text looks on a background with the YUV color 122.2030, -47.9211, 63.8430.

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

122.2030, -47.9211, 63.8430

Protanopia

122.3130, -45.0173, 19.0195

Deuteranopia

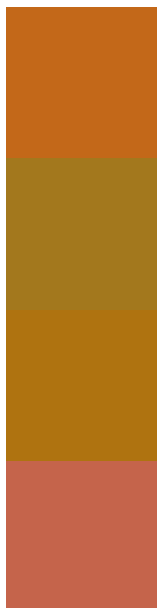
121.6050, -54.5283, 36.3034



Tritanopia

127.9970, -11.8305, 61.3926

Trichromacy



Original Color

122.2030, -47.9211, 63.8430

Protanomaly

122.4830, -46.0871, 35.5334

Deuteranomaly

121.6540, -52.0874, 46.7844

Tritanomaly

126.1530, -25.2184, 62.1328

Monochromacy



Original Color

122.2030, -47.9211, 63.8430

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9740, -17.2422, 23.7018

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2030, -47.9211, 63.8430 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(195, 104, 25)` looks like.

```
.text, #text, p{  
    color:rgb(195, 104, 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(195, 104, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 104, 25) }
```

Border

The CSS property to change the border of an element to YUV 122.2030, -47.9211, 63.8430 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(195, 104, 25) }
```


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

```
.border{ border-color:rgb(195, 104, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 104, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 104, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 104, 25);  
box-shadow:4px 4px 4px 4px rgb(195, 104,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 122.2030, -47.9211, 63.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 104, 25) }
```

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

```
.background{ background-color: rgb(195,  
104, 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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