

Converting Colors

YUV(148.0570, -49.8211,
66.6020)

Have a look what the booklet for
YUV(148.0570, -49.8211, 66.6020)
contains.

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Color

**YUV(148.0570, -49.8211,
66.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	E0812F
RGB	224, 129, 47
RGB Percent	88%, 51%, 18%
CMY	0.1216, 0.4941, 0.8157
CMYK	0.00, 0.42, 0.79, 0.12
HSL	28°, 74%, 53%
HSV	28°, 79%, 88%
XYZ	39.1038, 31.7530, 6.7573
YIQ	148.0570, 82.9420, -5.3620

Conversions

Conversions Part 2

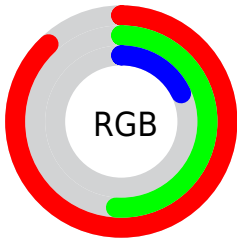
Format	Color
R _{YB}	224, 200, 47
Decimal	14713135
CIE Lab	63.14, 30.76, 57.26
CIE LCh	63, 65.002, 61.755
Yxy	31.7530, 0.5038, 0.4091
Android (android.graphics.Color)	4292903215 (0xFFE0812F)
YUV	148.0570, -49.8211, 66.6020
Hunter-Lab	56.3498, 25.2574, 32.3350

Details

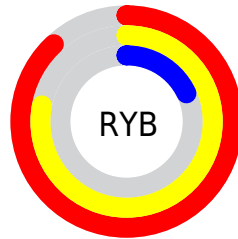
The YUV color **148.0570, -49.8211, 66.6020** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **122.9430, 49.8211, -66.6020**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9520, -47.3043, 52.6621**, and **95.1100, -46.8892, 59.5395** is the 20% darker color. If you saturate the color by 10%, you get **138.5050, -55.9580, 74.9791**, and if you desaturate by 10%, it is **157.6090, -43.6842, 58.2249**.

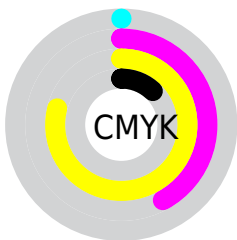
Distribution



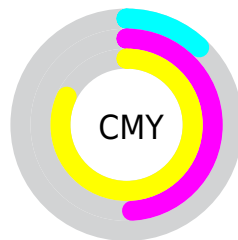
- Red (88%)
- Green (51%)
- Blue (18%)



- Red (88%)
- Yellow (78%)
- Blue (18%)



- Cyan (0%)
- Magenta (42%)
- Yellow (79%)
- Black (12%)



- Cyan (12%)
- Magenta (49%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.0570, -49.8211, 66.6020 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 148.0570, -49.8211, 66.6020 by changing the saturation by 10% instead.

148.0570,
-49.8211, 66.6020

148.0570,
-49.8211, 66.6020

255.0000, 0.0000,
0.0000

120.2200,
-50.3945, 63.8281

194.9520,
-47.3043, 52.6621

95.1100, -46.8892,
59.5395

213.7650,
-43.7611, 36.1631

71.4650, -35.2322,
53.9662

233.8660,
-40.3599, 18.5345

48.9940, -24.1540,
47.3633

246.4500,
-32.7599, 7.4983

25.3600, -12.5025,
43.5343

249.6420,
-20.5295, 4.6990

14.6510, -7.2229,
30.1241

252.9480, -7.8624,

0.8970, -0.4422,

1.7996

1.8443

■ 0.0000, 0.0000,
0.0000

■ 148.0570,
-49.8211, 66.6020

■ 148.0570,
-49.8211, 66.6020

■ 138.5050,
-55.9580, 74.9791

■ 157.6090,
-43.6842, 58.2249

■ 128.8390,
-62.5316, 83.4562

■ 167.2750,
-37.1106, 49.7478

■ 128.0240,
-63.1158, 84.1710

■ 176.8270,
-30.9737, 41.3707

■ 186.4930,
-24.4000, 32.8936

■ 196.0450,
-18.2632, 24.5165

■ 205.5970,
-12.1263, 16.1394

■ 215.2630, -5.5527,
7.6623

■ 224.8150, 0.5842,
-0.7148

■ 234.4810, 7.1579,
-9.1918

Harmonies

Analogous

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



148.4000, -26.3262, 90.8572



148.0570, -49.8211, 66.6020



143.7540, -63.9687, 30.9107

Triad

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



148.0570, -49.8211, 66.6020



123.3300, 15.6133, -108.1604



155.5030, 47.5730, 1.3129

Complementary

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



148.0570, -49.8211, 66.6020



122.9430, 49.8211, -66.6020

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.



121.8160, 65.6597, -106.8326



148.0570, -49.8211, 66.6020



129.2410, 40.8002, -113.3444

Square

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



148.0570, -49.8211, 66.6020



114.1420, -9.4370, -100.1025



130.5070, 60.8820, -114.4546



155.6710, 26.2912, 60.8015

Rectangle

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



148.0570, -49.8211, 66.6020



140.5590, -54.9986, 0.3868



130.5070, 60.8820, -114.4546



150.0760, 51.7275, -24.6227

Sweetspot

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



148.0570, -49.8211, 66.6020



228.6750, -17.0948, 23.0870



110.9810, 16.2784, 99.1177



112.0420, -10.3737, 13.9952



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.



148.0570, -49.8211, 66.6020



151.1020, -68.0843, 91.1185



198.5390, -74.7087, 22.3293



107.2240, -3.0684, 4.1886



100.7580, -49.6737, 65.9872



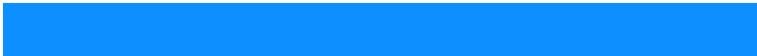
27.2660, -13.4421, 18.1837

Inverse Universe

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



122.9430, 49.8211, -66.6020



116.8980, 68.0843, -91.1185



72.4610, 74.7087, -22.3293



105.7760, 3.0684, -4.1886



75.2420, 49.6737, -65.9872



20.7340, 13.4421, -18.1837

Previews

White Background



This preview shows how the YUV color 148.0570, -49.8211, 66.6020 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 148.0570, -49.8211, 66.6020 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 148.0570, -49.8211, 66.6020

Background



This preview shows how black text looks on a background with the YUV color 148.0570, -49.8211, 66.6020.



This preview shows how white text looks on a background with the YUV color 148.0570, -49.8211, 66.6020.

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

148.0570, -49.8211, 66.6020

Protanopia

147.6830, -46.1857, 20.4490

Deuteranopia

147.4960, -52.5025, 39.9070



Tritanopia

154.0190, -11.8414, 64.8813

Trichromacy



Original Color

148.0570, -49.8211, 66.6020

Protanomaly

147.7390, -47.6923, 37.0629

Deuteranomaly

147.4910, -51.5141, 49.5584

Tritanomaly

152.0610, -25.6661, 65.7215

Monochromacy



Original Color

148.0570, -49.8211, 66.6020

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0450, -18.2632, 24.5165

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0570, -49.8211, 66.6020 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(224, 129, 47)` looks like.

```
.text, #text, p{  
    color:rgb(224, 129, 47)  
}
```

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(224, 129, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 129, 47) }
```

Border

The CSS property to change the border of an element to YUV 148.0570, -49.8211, 66.6020 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(224, 129, 47) }
```


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

```
.border{ border-color:rgb(224, 129, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 129, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 129, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 129, 47);  
box-shadow:4px 4px 4px 4px rgb(224, 129,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 148.0570, -49.8211, 66.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 129, 47) }
```

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

```
.background{ background-color: rgb(224,  
129, 47) }
```

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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