

Converting Colors

YUV(171.2400, -67.6593,
48.0245)

Have a look what the booklet for
YUV(171.2400, -67.6593, 48.0245)
contains.

YUV(171.2400, -67.6593, 48.0245)	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(171.2400, -67.6593,
48.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AA22
RGB	226, 170, 34
RGB Percent	89%, 67%, 13%
CMY	0.1137, 0.3333, 0.8667
CMYK	0.00, 0.25, 0.85, 0.11
HSL	42°, 77%, 51%
HSV	42°, 85%, 89%
XYZ	46.0275, 45.0337, 7.7798
YIQ	171.2400, 77.0320, -30.4240

Conversions

Conversions Part 2

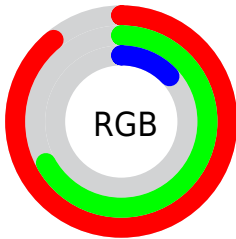
Format	Color
RYB	113, 226, 34
Decimal	14854690
CIELab	72.91, 9.39, 70.31
CIELCh	73, 70.933, 82.392
Yxy	45.0337, 0.4657, 0.4556
Android (android.graphics.Color)	4293044770 (0xFFE2AA22)
YUV	171.2400, -67.6593, 48.0245
Hunter-Lab	67.1071, 4.9922, 40.1014

Details

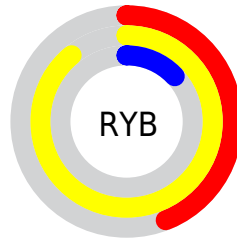
The YUV color **171.2400, -67.6593, 48.0245** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **88.7600, 67.6593, -48.0245**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0360, -61.6427, 31.5404**, and **118.9000, -58.6177, 41.3067** is the 20% darker color. If you saturate the color by 10%, you get **164.5090, -75.6799, 53.9276**, and if you desaturate by 10%, it is **177.9710, -59.6387, 42.1214**.

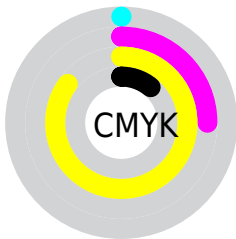
Distribution



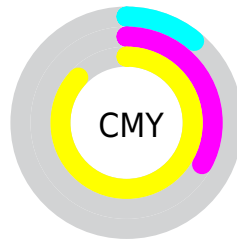
- Red (89%)
- Green (67%)
- Blue (13%)



- Red (44%)
- Yellow (89%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (85%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2400, -67.6593, 48.0245 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 171.2400, -67.6593, 48.0245 by changing the saturation by 10% instead.

171.2400,
-67.6593, 48.0245

171.2400,
-67.6593, 48.0245

255.0000, 0.0000,
0.0000

143.1320,
-70.5641, 46.3652

219.0360,
-61.6427, 31.5404

118.9000,
-58.6177, 41.3067

239.1370,
-58.2415, 13.9119

95.8420, -47.2501,
35.2186

242.9160,
-46.3006, 10.5977

73.0830, -36.0299,
29.7452

246.1080,
-34.0702, 7.7983

51.7970, -25.5359,
23.8570

249.4140,
-21.4031, 4.8989

32.2830, -15.9155,
18.1688

252.7200, -8.7360,

10.4320, -5.1430,

1.9996

16.2841

■ 0.0000, 0.0000,
0.0000

■ 171.2400,
-67.6593, 48.0245

■ 171.2400,
-67.6593, 48.0245

■ 164.5090,
-75.6799, 53.9276

■ 177.9710,
-59.6387, 42.1214

■ 161.4940,
-79.6165, 56.5718

■ 184.0010,
-51.7655, 36.8331

■ 190.7320,
-43.7449, 30.9300

■ 196.7620,
-35.8717, 25.6417

■ 203.4930,
-27.8510, 19.7386

■ 210.2240,
-19.8304, 13.8356

■ 216.2540,
-11.9572, 8.5472

■ 222.9850, -3.9366,
2.6442

■ 229.0150, 3.9366,
-2.6442

Harmonies

Analogous

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



169.4370, -46.0644, 75.0388



171.2400, -67.6593, 48.0245



165.7670, -60.5241, -0.6727

Triad

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



171.2400, -67.6593, 48.0245



149.1480, 38.3810, -130.8028



183.3090, 35.3437, 50.5950

Complementary

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



171.2400, -67.6593, 48.0245



88.7600, 67.6593, -48.0245

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.



172.5250, 40.6602, -21.5084



171.2400, -67.6593, 48.0245



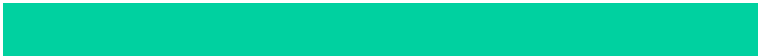
149.4050, 52.0583, -131.0282

Square

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



171.2400, -67.6593, 48.0245



140.9230, 9.4050, -123.5895



141.1870, 56.1098, -123.8210



168.0830, 14.7491, 76.2262

Rectangle

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



171.2400, -67.6593, 48.0245



159.5630, -41.1966, -39.9588



141.1870, 56.1098, -123.8210



182.0030, 35.9875, 30.6924

Sweetspot

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



171.2400, -67.6593, 48.0245



236.5510, -22.4566, 16.1798



98.0200, -2.9679, 112.2385



116.5100, -13.5624, 10.0767



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.



171.2400, -67.6593, 48.0245



182.4920, -89.9686, 63.5895



192.7500, -78.2638, -4.1658



108.9850, -3.9366, 2.6442



125.9990, -62.1175, 43.8509



34.3100, -16.9148, 12.0061

Inverse Universe

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



88.7600, 67.6593, -48.0245



72.5080, 89.9686, -63.5895



67.2500, 78.2638, 4.1658



104.0150, 3.9366, -2.6442



50.0010, 62.1175, -43.8509



13.6900, 16.9148, -12.0061

Previews

White Background



This preview shows how the YUV color 171.2400, -67.6593, 48.0245 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 171.2400, -67.6593, 48.0245 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 171.2400, -67.6593, 48.0245 Background



This preview shows how black text looks on a background with the YUV color 171.2400, -67.6593, 48.0245.



This preview shows how white text looks on a background with the YUV color 171.2400, -67.6593,

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

171.2400, -67.6593, 48.0245

Protanopia

170.2760, -65.7051, 27.8219

Deuteranopia

171.2400, -67.6593, 48.0245



Tritanopia

182.0920, -5.9614, 45.5233

Trichromacy



Original Color

171.2400, -67.6593, 48.0245

Protanomaly

170.5050, -66.3110, 35.5141

Deuteranomaly

171.2400, -67.6593, 48.0245

Tritanomaly

177.9570, -28.0798, 46.5187

Monochromacy



Original Color

171.2400, -67.6593, 48.0245

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2800, -24.7880, 17.2944

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2400, -67.6593, 48.0245 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(226, 170, 34)` looks like.

```
.text, #text, p{  
    color:rgb(226, 170, 34)  
}
```

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(226, 170, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 170, 34) }
```

Border

The CSS property to change the border of an element to YUV 171.2400, -67.6593, 48.0245 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(226, 170, 34) }
```


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

```
.border{ border-color:rgb(226, 170, 34) }
```

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

Here you see how a box with a 4 pixel rgb(226, 170, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 170, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 170, 34);  
box-shadow:4px 4px 4px 4px rgb(226, 170,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 171.2400, -67.6593, 48.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 170, 34) }
```

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

```
.background{ background-color: rgb(226,  
170, 34) }
```

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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