

Converting Colors

YUV(167.4990, -60.3920,
50.4284)

Have a look what the booklet for
YUV(167.4990, -60.3920, 50.4284)
contains.

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Color

**YUV(167.4990, -60.3920,
50.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A22D
RGB	225, 162, 45
RGB Percent	88%, 64%, 18%
CMY	0.1176, 0.3647, 0.8235
CMYK	0.00, 0.28, 0.80, 0.12
HSL	39°, 75%, 53%
HSV	39°, 80%, 88%
XYZ	44.4453, 42.0377, 8.2542
YIQ	167.4990, 75.1050, -23.0310

Conversions

Conversions Part 2

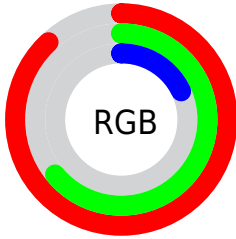
Format	Color
R _Y B	142, 225, 45
Decimal	14787117
CIE Lab	70.90, 13.53, 65.18
CIE LCh	71, 66.568, 78.269
Yxy	42.0377, 0.4691, 0.4437
Android (android.graphics.Color)	4292977197 (0xFFE1A22D)
YUV	167.4990, -60.3920, 50.4284
Hunter-Lab	64.8365, 8.8977, 37.8375

Details

The YUV color **167.4990, -60.3920, 50.4284** 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 **102.5010, 60.3920, -50.4284**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0240, -56.7068, 35.0590**, and **114.4920, -56.4446, 44.2955** is the 20% darker color. If you saturate the color by 10%, you get **160.1810, -68.1232, 56.8463**, and if you desaturate by 10%, it is **174.8170, -52.6608, 44.0105**.

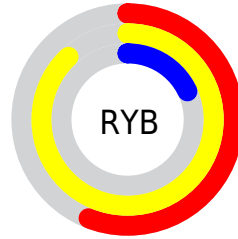
Distribution



Red (88%)

Green (64%)

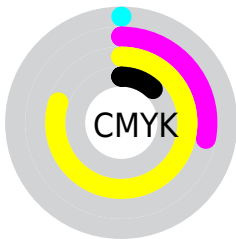
Blue (18%)



Red (56%)

Yellow (88%)

Blue (18%)

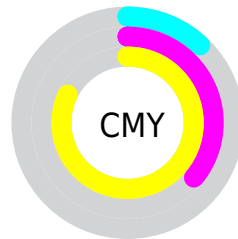


Cyan (0%)

Magenta (28%)

Yellow (80%)

Black (12%)



Cyan (12%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.4990, -60.3920, 50.4284 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 167.4990, -60.3920, 50.4284 by changing the saturation by 10% instead.

167.4990,
-60.3920, 50.4284

167.4990,
-60.3920, 50.4284

255.0000, 0.0000,
0.0000

138.9350,
-65.0440, 49.1690

215.0240,
-56.7068, 35.0590

114.4920,
-56.4446, 44.2955

234.6520,
-52.5794, 17.8452

90.8470, -44.7876,
38.7222

243.6000,
-43.6798, 9.9978

68.9740, -34.0042,
33.3488

246.7920,
-31.4495, 7.1984

47.3890, -23.3628,
26.8458

250.0980,
-18.7823, 4.2991

27.8750, -13.7424,
21.1576

253.4040, -6.1152,

8.6710, -4.2748,

1.3997

17.8285

■ 0.0000, 0.0000,
0.0000

■ 167.4990,
-60.3920, 50.4284

■ 167.4990,
-60.3920, 50.4284

■ 160.1810,
-68.1232, 56.8463

■ 174.8170,
-52.6608, 44.0105

■ 152.9770,
-75.4177, 63.1642

■ 182.0210,
-45.3664, 37.6926

■ 189.3390,
-37.6351, 31.2747

■ 196.5430,
-30.3407, 24.9568

■ 203.1600,
-22.7569, 19.1537

■ 210.4780,
-15.0257, 12.7358

■ 217.7960, -7.2944,
6.3179

■ 225.0000, 0.0000,
0.0000

■ 232.3180, 7.7312,
-6.4179

Harmonies

Analogous

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



166.9410, -40.3969, 77.2277



167.4990, -60.3920, 50.4284



162.7940, -58.0724, 6.3197

Triad

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



167.4990, -60.3920, 50.4284



143.1010, 32.9812, -125.4996



178.5140, 37.7076, 39.0142

Complementary

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



167.4990, -60.3920, 50.4284



102.5010, 60.3920, -50.4284

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.



165.6700, 44.0397, -32.1596



167.4990, -60.3920, 50.4284



145.8830, 53.7947, -127.9394

Square

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



167.4990, -60.3920, 50.4284



134.7450, 6.0417, -118.1714



138.8390, 57.2674, -121.7618



169.4850, 15.0439, 74.9967

Rectangle

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



167.4990, -60.3920, 50.4284



157.5860, -42.6869, -28.5779



138.8390, 57.2674, -121.7618



176.3220, 38.7883, 19.0116

Sweetspot

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



167.4990, -60.3920, 50.4284



235.7190, -20.5675, 16.9094



106.0020, 0.9850, 104.3612



116.1510, -12.3994, 10.3916



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.



167.4990, -60.3920, 50.4284



176.5880, -82.1279, 68.7673



196.4070, -74.6437, 1.3971



108.3980, -3.6472, 3.1590



119.5420, -58.9342, 49.5137



32.5490, -16.0467, 13.5505

Inverse Universe

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



102.5010, 60.3920, -50.4284



88.4120, 82.1279, -68.7673



73.5930, 74.6437, -1.3971



104.6020, 3.6472, -3.1590



56.4580, 58.9342, -49.5137



15.4510, 16.0467, -13.5505

Previews

White Background



This preview shows how the YUV color 167.4990, -60.3920, 50.4284 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 167.4990, -60.3920, 50.4284 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 167.4990, -60.3920, 50.4284 Background



This preview shows how black text looks on a background with the YUV color 167.4990, -60.3920, 50.4284.



This preview shows how white text looks on a background with the YUV color 167.4990, -60.3920, 50.4284.

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

167.4990, -60.3920, 50.4284

Protanopia

165.9150, -58.1321, 25.5075

Deuteranopia

167.3520, -60.8125, 45.2953



Tritanopia

176.5870, -6.6984, 48.5972

Trichromacy



Original Color

167.4990, -60.3920, 50.4284

Protanomaly

166.7420, -59.0328, 34.4293

Deuteranomaly

167.3630, -60.8180, 47.0396

Tritanomaly

173.1360, -26.1960, 48.9927

Monochromacy



Original Color

167.4990, -60.3920, 50.4284

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0890, -21.7359, 18.3389

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.4990, -60.3920, 50.4284 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(225, 162, 45)` looks like.

```
.text, #text, p{  
    color:rgb(225, 162, 45)  
}
```

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(225, 162, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 162, 45) }
```

Border

The CSS property to change the border of an element to YUV 167.4990, -60.3920, 50.4284 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(225, 162, 45) }
```


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

```
.border{ border-color:rgb(225, 162, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 162, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 162, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 162, 45);  
box-shadow:4px 4px 4px 4px rgb(225, 162,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 167.4990, -60.3920, 50.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 162, 45) }
```

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

```
.background{ background-color: rgb(225,  
162, 45) }
```

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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