

Converting Colors

YUV(146.6770, -50.1268,
71.3203)

Have a look what the booklet for
YUV(146.6770, -50.1268, 71.3203)
contains.

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Color

**YUV(146.6770, -50.1268,
71.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	E47D2D
RGB	228, 125, 45
RGB Percent	89%, 49%, 18%
CMY	0.1059, 0.5098, 0.8235
CMYK	0.00, 0.45, 0.80, 0.11
HSL	26°, 77%, 54%
HSV	26°, 80%, 89%
XYZ	39.8022, 31.3507, 6.4361
YIQ	146.6770, 87.0680, -3.0440

Conversions

Conversions Part 2

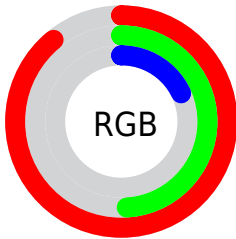
Format	Color
R _Y B	228, 187, 45
Decimal	14974253
CIE Lab	62.80, 34.41, 57.96
CIE LCh	63, 67.403, 59.303
Yxy	31.3507, 0.5130, 0.4041
Android (android.graphics.Color)	4293164333 (0xFFE47D2D)
YUV	146.6770, -50.1268, 71.3203
Hunter-Lab	55.9917, 28.9029, 32.3789

Details

The YUV color **146.6770, -50.1268, 71.3203** 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 **126.3230, 50.1268, -71.3203**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3760, -47.0204, 54.9212**, and **93.0720, -45.8845, 63.9579** is the 20% darker color. If you saturate the color by 10%, you get **136.4240, -56.4110, 80.3122**, and if you desaturate by 10%, it is **156.9300, -43.8425, 62.3284**.

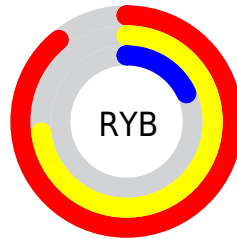
Distribution



Red (89%)

Green (49%)

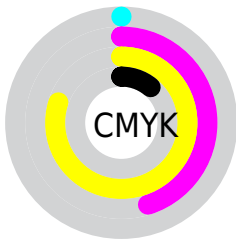
Blue (18%)



Red (89%)

Yellow (73%)

Blue (18%)

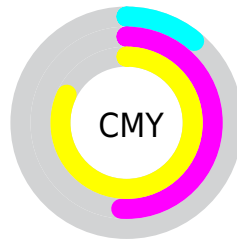


Cyan (0%)

Magenta (45%)

Yellow (80%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6770, -50.1268, 71.3203 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 146.6770, -50.1268, 71.3203 by changing the saturation by 10% instead.

146.6770,
-50.1268, 71.3203

146.6770,
-50.1268, 71.3203

255.0000, 0.0000,
0.0000

118.7260,
-51.1369, 68.6463

192.3760,
-47.0204, 54.9212

93.0720, -45.8845,
63.9579

211.1890,
-43.4772, 38.4222

70.0140, -34.5169,
57.8697

231.2900,
-40.0760, 20.7937

46.3690, -22.8599,
52.2964

246.2220,
-33.6334, 7.6983

23.0230, -11.3503,
47.3378

249.4140,
-21.4031, 4.8989

15.2490, -7.5178,
31.3536

252.7200, -8.7360,

2.6910, -1.3267,

1.9996

5.5330

■ 0.0000, 0.0000,
0.0000

■ 146.6770,
-50.1268, 71.3203

■ 146.6770,
-50.1268, 71.3203

■ 136.4240,
-56.4110, 80.3122

■ 156.9300,
-43.8425, 62.3284

■ 126.8720,
-62.5479, 88.6893

■ 167.1830,
-37.5582, 53.3365

■ 176.7350,
-31.4214, 44.9594


■ 186.9880,
-25.1371, 35.9675

■ 197.2410,
-18.8528, 26.9756

 207.4940,
-12.5685, 17.9838

 217.7470, -6.2843,
8.9919

 227.8860, -0.4368,
0.1000

 237.5520, 6.1369,
-8.3771

Harmonies

Analogous

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



146.0030, -24.1585, 95.5904



146.6770, -50.1268, 71.3203



141.8810, -69.9473, 35.1844

Triad

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



146.6770, -50.1268, 71.3203



122.0590, 13.2819, -107.0457



153.4420, 50.0681, -5.6496

Complementary

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



146.6770, -50.1268, 71.3203



126.3230, 50.1268, -71.3203

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.



122.4030, 65.3703, -107.3474



146.6770, -50.1268, 71.3203



128.8990, 39.4898, -113.0444

Square

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



146.6770, -50.1268, 71.3203



112.6430, -12.6420, -98.7879



130.6210, 61.3188, -114.5546



154.7570, 29.2068, 58.9721

Rectangle

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



146.6770, -50.1268, 71.3203



139.0450, -62.1402, 4.3455



130.6210, 61.3188, -114.5546



146.1780, 53.6492, -34.3591

Sweetspot

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



146.6770, -50.1268, 71.3203



228.0880, -16.8054, 23.6018



111.5730, 18.4515, 102.1065



111.4550, -10.0843, 14.5100



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.



146.6770, -50.1268, 71.3203



146.0640, -67.0796, 95.5369



200.0940, -76.4613, 24.4736



109.5230, -3.2158, 4.8033



99.3070, -48.9584, 69.8908



28.1630, -13.8844, 20.0280

Inverse Universe

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



126.3230, 50.1268, -71.3203



118.9360, 67.0796, -95.5369



72.9060, 76.4613, -24.4736



108.4770, 3.2158, -4.8033



79.1060, 49.2477, -69.3760



22.8370, 13.8844, -20.0280

Previews

White Background



This preview shows how the YUV color 146.6770, -50.1268, 71.3203 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 146.6770, -50.1268, 71.3203 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 146.6770, -50.1268, 71.3203

Background



This preview shows how black text looks on a background with the YUV color 146.6770, -50.1268, 71.3203.



This preview shows how white text looks on a background with the YUV color 146.6770, -50.1268, 71.3203.

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

146.6770, -50.1268, 71.3203

Protanopia

146.5690, -46.6225, 20.5490

Deuteranopia

146.7410, -54.1023, 39.6921



Tritanopia

152.2970, -13.4574, 69.8995

Trichromacy



Original Color

146.6770, -50.1268, 71.3203

Protanomaly

146.6360, -48.1345, 38.9072

Deuteranomaly

146.8610, -52.6825, 50.9879

Tritanomaly

150.4530, -26.8453, 70.6397

Monochromacy



Original Color

146.6770, -50.1268, 71.3203

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7570, -18.1212, 25.6461

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6770, -50.1268, 71.3203 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(228, 125, 45)` looks like.

```
.text, #text, p{  
    color:rgb(228, 125, 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(228, 125, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 125, 45) }
```

Border

The CSS property to change the border of an element to YUV 146.6770, -50.1268, 71.3203 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(228, 125, 45) }
```


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

```
.border{ border-color:rgb(228, 125, 45) }
```

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

Here you see how a box with a 4 pixel rgb(228, 125, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 125, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 125, 45);  
box-shadow:4px 4px 4px 4px rgb(228, 125,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 146.6770, -50.1268, 71.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 125, 45) }
```

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

```
.background{ background-color: rgb(228,  
125, 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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