

Converting Colors

YUV(140.8290, -50.6947,
66.8020)

Have a look what the booklet for
YUV(140.8290, -50.6947, 66.8020)
contains.

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Color

**YUV(140.8290, -50.6947,
66.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	D97A26
RGB	217, 122, 38
RGB Percent	85%, 48%, 15%
CMY	0.1490, 0.5216, 0.8510
CMYK	0.00, 0.44, 0.82, 0.15
HSL	28°, 70%, 50%
HSV	28°, 82%, 85%
XYZ	35.9247, 28.8107, 5.5013
YIQ	140.8290, 83.5840, -5.9840

Conversions

Conversions Part 2

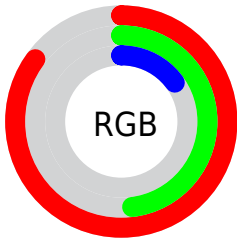
Format	Color
R_{YB}	217, 196, 38
Decimal	14252582
CIE _{Lab}	60.61, 31.28, 58.16
CIE _{LCh}	61, 66.033, 61.728
Yxy	28.8107, 0.5115, 0.4102
Android (android.graphics.Color)	4292442662 (0xFFD97A26)
YUV	140.8290, -50.6947, 66.8020
Hunter-Lab	53.6756, 25.5363, 31.4962

Details

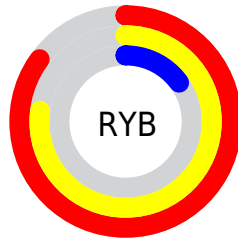
The YUV color **140.8290, -50.6947, 66.8020** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **114.1710, 50.6947, -66.8020**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3440, -48.4836, 57.5803**, and **88.9080, -43.8316, 58.8397** is the 20% darker color. If you saturate the color by 10%, you get **131.2770, -56.8316, 75.1791**, and if you desaturate by 10%, it is **150.3810, -44.5578, 58.4249**.

Distribution



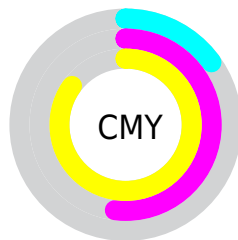
- Red (85%)
- Green (48%)
- Blue (15%)



- Red (85%)
- Yellow (77%)
- Blue (15%)



- Cyan (0%)
- Magenta (44%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.8290, -50.6947, 66.8020 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 140.8290, -50.6947, 66.8020 by changing the saturation by 10% instead.


 140.8290,
-50.6947, 66.8020

 140.8290,
-50.6947, 66.8020


255.0000, 0.0000,
0.0000


 113.0090,
-53.7414, 64.0131


 189.3440,
-48.4836, 57.5803

 88.9080, -43.8316,
58.8397


 208.7440,
-45.2298, 40.5665

 65.8500, -32.4641,
52.7516


 228.2580,
-41.5392, 23.4527

 43.0910, -21.2439,
47.2782

 245.4240,
-36.6910, 8.3982

 20.3320, -10.0237,
41.8048

 248.6160,
-24.4607, 5.5988

 13.5690, -6.1965,
27.5650

 251.9220,

 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 140.8290,
-50.6947, 66.8020

■ 140.8290,
-50.6947, 66.8020

■ 131.2770,
-56.8316, 75.1791

■ 150.3810,
-44.5578, 58.4249

■ 124.7570,
-61.5052, 80.8971

■ 159.2320,
-38.5684, 50.6625

■ 168.7840,
-32.4315, 42.2854

■ 177.7490,
-26.0053, 34.4231

■ 187.3010,
-19.8684, 26.0460

■ 196.1520,
-13.8789, 18.2837

■ 205.7040, -7.7421,
9.9066

■ 214.6690, -1.3158,
2.0443

■ 224.1070, 4.3842,
-6.2328

Harmonies

Analogous

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



140.2260, -25.7474, 91.8868



140.8290, -50.6947, 66.8020



136.2440, -67.1683, 30.4810

Triad

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



140.8290, -50.6947, 66.8020



118.4230, 14.5815, -103.8570



148.3180, 48.1572, 0.5981

Complementary

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



140.8290, -50.6947, 66.8020



114.1710, 50.6947, -66.8020

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.



118.2940, 67.3961, -103.7438



140.8290, -50.6947, 66.8020



124.4480, 40.2051, -109.1409

Square

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



140.8290, -50.6947, 66.8020



109.2350, -10.4689, -95.7991



125.8280, 60.7238, -110.3512



148.3830, 26.4332, 61.9311

Rectangle

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



140.8290, -50.6947, 66.8020



133.2340, -58.7824, 0.6718



125.8280, 60.7238, -110.3512



143.8630, 54.7905, -27.0669

Sweetspot

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



140.8290, -50.6947, 66.8020



227.7460, -18.1158, 23.9018



102.3510, 15.1100, 100.5472



111.2270, -10.9579, 14.7099



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.



140.8290, -50.6947, 66.8020



147.6140, -71.2947, 94.1775



193.0720, -76.4505, 20.9849



105.2240, -3.0684, 4.1886



99.2740, -48.9421, 64.6577



26.6680, -13.1473, 16.9542

Inverse Universe

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



114.1710, 50.6947, -66.8020



110.3860, 71.2947, -94.1775



61.9280, 76.4505, -20.9849



103.7760, 3.0684, -4.1886



73.7260, 48.9421, -64.6577



19.3320, 13.1473, -16.9542

Previews

White Background



This preview shows how the YUV color 140.8290, -50.6947, 66.8020 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 140.8290, -50.6947, 66.8020 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 140.8290, -50.6947, 66.8020

Background



This preview shows how black text looks on a background with the YUV color 140.8290, -50.6947, 66.8020.



This preview shows how white text looks on a background with the YUV color 140.8290, -50.6947,

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

140.8290, -50.6947, 66.8020

Protanopia

140.3410, -47.4961, 20.7489

Deuteranopia

140.3280, -54.3917, 39.1773



Tritanopia

146.9050, -12.2782, 64.9813

Trichromacy



Original Color

140.8290, -50.6947, 66.8020

Protanomaly

140.5110, -48.5659, 37.2629

Deuteranomaly

140.7360, -53.1138, 49.3435

Tritanomaly

144.8330, -26.5397, 65.9215

Monochromacy



Original Color

140.8290, -50.6947, 66.8020

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.0450, -18.2632, 24.5165

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8290, -50.6947, 66.8020 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(217, 122, 38)` looks like.

```
.text, #text, p{  
    color:rgb(217, 122, 38)  
}
```

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(217, 122, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 122, 38) }
```

Border

The CSS property to change the border of an element to YUV 140.8290, -50.6947, 66.8020 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(217, 122, 38) }
```


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

```
.border{ border-color:rgb(217, 122, 38) }
```

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

Here you see how a box with a 4 pixel rgb(217, 122, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 122, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 122, 38);  
box-shadow:4px 4px 4px 4px rgb(217, 122,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 140.8290, -50.6947, 66.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 122, 38) }
```

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

```
.background{ background-color: rgb(217,  
122, 38) }
```

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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