

Converting Colors

YUV(140.2090, -50.3890,
62.0837)

Have a look what the booklet for
YUV(140.2090, -50.3890, 62.0837)
contains.

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Color

**YUV(140.2090, -50.3890,
62.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	D37C26
RGB	211, 124, 38
RGB Percent	83%, 49%, 15%
CMY	0.1725, 0.5137, 0.8510
CMYK	0.00, 0.41, 0.82, 0.17
HSL	30°, 69%, 49%
HSV	30°, 82%, 83%
XYZ	34.4215, 28.4041, 5.5021
YIQ	140.2090, 79.4580, -8.3020

Conversions

Conversions Part 2

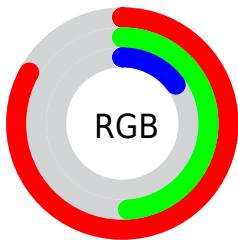
Format	Color
R_{YB}	211, 209, 38
Decimal	13859878
CIE Lab	60.25, 27.72, 57.53
CIE LCh	60, 63.860, 64.270
Yxy	28.4041, 0.5038, 0.4157
Android (android.graphics.Color)	4292049958 (0xFFD37C26)
YUV	140.2090, -50.3890, 62.0837
Hunter-Lab	53.2955, 22.0189, 31.1860

Details

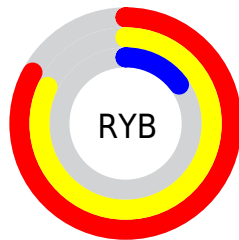
The YUV color **140.2090, -50.3890, 62.0837** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **108.7910, 50.3890, -62.0837**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5180, -49.0624, 56.5507**, and **88.2880, -43.5260, 54.1214** is the 20% darker color. If you saturate the color by 10%, you get **131.3580, -56.3785, 69.8460**, and if you desaturate by 10%, it is **149.0600, -44.3996, 54.3214**.

Distribution



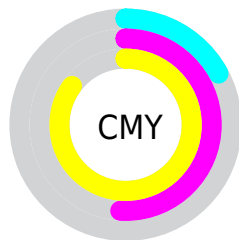
- Red (83%)
- Green (49%)
- Blue (15%)



- Red (83%)
- Yellow (82%)
- Blue (15%)



- Cyan (0%)
- Magenta (41%)
- Yellow (82%)
- Black (17%)





- Cyan (17%)
- Magenta (51%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.2090, -50.3890, 62.0837 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 140.2090, -50.3890, 62.0837 by changing the saturation by 10% instead.


 140.2090,
-50.3890, 62.0837

 140.2090,
-50.3890, 62.0837


255.0000, 0.0000,
0.0000


 112.3890,
-53.4358, 59.2948


 190.5180,
-49.0624, 56.5507


 88.2880, -43.5260,
54.1214


 209.9180,
-45.8086, 39.5369

 66.1160, -32.5952,
48.1333


 229.4320,
-42.1180, 22.4231

 43.9440, -21.6644,
42.1451

 245.4240,
-36.6910, 8.3982

 21.4840, -10.5916,
37.2865

 248.6160,
-24.4607, 5.5988

 12.3730, -5.6069,
25.1059

 251.9220,

 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 140.2090,
-50.3890, 62.0837

■ 140.2090,
-50.3890, 62.0837

■ 131.3580,
-56.3785, 69.8460

■ 149.0600,
-44.3996, 54.3214

■ 124.7240,
-61.4889, 75.6641

■ 157.3240,
-38.1207, 47.0739

■ 166.1750,
-32.1313, 39.3115

■ 174.4390,
-25.8524, 32.0640

■ 183.4040,
-19.4262, 24.2017

■ 192.2550,
-13.4367, 16.4394

■ 200.5190, -7.1579,
9.1918

■ 209.3700, -1.1684,
1.4295

■ 217.6340, 5.1104,
-5.8180

Harmonies

Analogous

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



140.7370, -27.4783, 87.0537



140.2090, -50.3890, 62.0837



135.2050, -64.6841, 27.0072

Triad

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



140.2090, -50.3890, 62.0837



118.2920, 16.6180, -103.7421



148.4390, 44.6466, 6.6310

Complementary

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



140.2090, -50.3890, 62.0837



108.7910, 50.3890, -62.0837

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.



116.5330, 68.2642, -102.1994



140.2090, -50.3890, 62.0837



123.3880, 41.2207, -108.2113

Square

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



140.2090, -50.3890, 62.0837



109.3320, -7.5587, -95.8842



124.3120, 59.9922, -109.0216



146.9980, 23.6650, 63.1458

Rectangle

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



140.2090, -50.3890, 62.0837



133.1070, -52.8038, -3.6018



124.3120, 59.9922, -109.0216



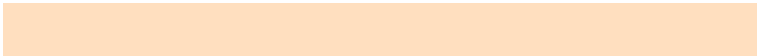
144.5930, 50.9797, -18.0601

Sweetspot

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



140.2090, -50.3890, 62.0837



228.9200, -18.6946, 22.8722



99.8730, 13.3736, 97.4584



111.8140, -11.2473, 14.1951



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.



140.2090, -50.3890, 62.0837



152.5380, -72.7362, 89.8592



189.5170, -74.6979, 18.8406



100.2240, -3.0684, 4.1886



99.5400, -49.0732, 60.0394



23.9990, -11.8315, 14.9099

Inverse Universe

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



108.7910, 50.3890, -62.0837



107.4620, 72.7362, -89.8592



59.4830, 74.6979, -18.8406



98.1890, 3.3578, -3.6738



69.0470, 48.7838, -60.5542



17.0010, 11.8315, -14.9099

Previews

White Background



This preview shows how the YUV color 140.2090, -50.3890, 62.0837 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 140.2090, -50.3890, 62.0837 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 140.2090, -50.3890, 62.0837 Background



This preview shows how black text looks on a background with the YUV color 140.2090, -50.3890, 62.0837.



This preview shows how white text looks on a background with the YUV color 140.2090, -50.3890,

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

140.2090, -50.3890, 62.0837

Protanopia

139.4550, -47.0593, 20.6490

Deuteranopia

139.6700, -53.0813, 38.8774



Tritanopia

146.5130, -11.0989, 60.0631

Trichromacy



Original Color

140.2090, -50.3890, 62.0837

Protanomaly

139.6140, -48.1237, 35.4185

Deuteranomaly

139.9530, -52.2348, 47.3992

Tritanomaly

144.4410, -25.3604, 61.0032

Monochromacy



Original Color

140.2090, -50.3890, 62.0837

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0340, -18.2578, 22.7722

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2090, -50.3890, 62.0837 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(211, 124, 38)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 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(211, 124, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 38) }
```

Border

The CSS property to change the border of an element to YUV 140.2090, -50.3890, 62.0837 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(211, 124, 38) }
```


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

```
.border{ border-color:rgb(211, 124, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 124, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 124, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 124, 38);  
box-shadow:4px 4px 4px 4px rgb(211, 124,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 140.2090, -50.3890, 62.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 124, 38) }
```

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

```
.background{ background-color: rgb(211,  
124, 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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