

Converting Colors

YUV(140.2160, -54.3365,
68.2166)

Have a look what the booklet for
YUV(140.2160, -54.3365, 68.2166)
contains.

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Color

**YUV(140.2160, -54.3365,
68.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7A1E
RGB	218, 122, 30
RGB Percent	85%, 48%, 12%
CMY	0.1451, 0.5216, 0.8824
CMYK	0.00, 0.44, 0.86, 0.15
HSL	29°, 76%, 49%
HSV	29°, 86%, 85%
XYZ	36.1073, 28.9182, 4.9070
YIQ	140.2160, 86.7480, -8.2600

Conversions

Conversions Part 2

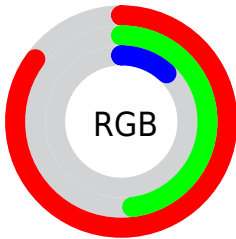
Format	Color
R_{YB}	218, 210, 30
Decimal	14318110
CIE Lab	60.71, 31.48, 61.08
CIE LCh	61, 68.718, 62.737
Yxy	28.9182, 0.5163, 0.4135
Android (android.graphics.Color)	4292508190 (0xFFDA7A1E)
YUV	140.2160, -54.3365, 68.2166
Hunter-Lab	53.7757, 25.7452, 32.2328

Details

The YUV color **140.2160, -54.3365, 68.2166** 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 **107.7840, 54.3365, -68.2166**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5460, -51.5412, 58.2802**, and **89.2070, -43.9791, 59.4545** is the 20% darker color. If you saturate the color by 10%, you get **131.2510, -60.7627, 76.0789**, and if you desaturate by 10%, it is **149.1810, -47.9102, 60.3543**.

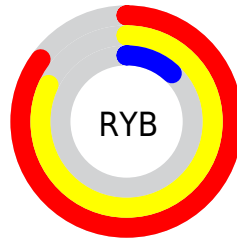
Distribution



Red (85%)

Green (48%)

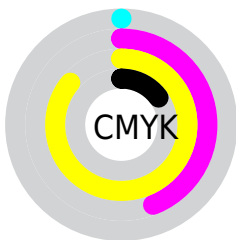
Blue (12%)



Red (85%)

Yellow (82%)

Blue (12%)

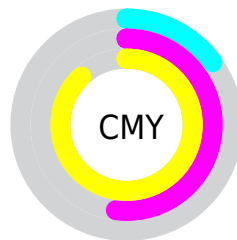


Cyan (0%)

Magenta (44%)

Yellow (86%)

Black (15%)



Cyan (15%)

Magenta (52%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.2160, -54.3365, 68.2166 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 140.2160, -54.3365, 68.2166 by changing the saturation by 10% instead.

140.2160,
-54.3365, 68.2166

140.2160,
-54.3365, 68.2166

255.0000, 0.0000,
0.0000

112.8520,
-55.6360, 65.0278

188.5460,
-51.5412, 58.2802

89.2070, -43.9791,
59.4545

208.0600,
-47.8506, 41.1664

66.1490, -32.6115,
53.3663

227.5740,
-44.1600, 24.0526

43.0910, -21.2439,
47.2782

244.7400,
-39.3118, 8.9980

20.6310, -10.1711,
42.4196

247.9320,
-27.0815, 6.1986

13.5690, -6.1965,
27.5650

251.2380,

0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,
0.3999

■ 140.2160,
-54.3365, 68.2166

■ 140.2160,
-54.3365, 68.2166

■ 131.2510,
-60.7627, 76.0789

■ 149.1810,
-47.9102, 60.3543

■ 127.9910,
-63.0996, 78.9379

■ 158.1460,
-41.4840, 52.4920

■ 166.9970,
-35.4945, 44.7296

■ 176.5490,
-29.3577, 36.3525

■ 185.5140,
-22.9314, 28.4902

■ 194.4790,
-16.5051, 20.6279

■ 203.4440,
-10.0789, 12.7656

■ 212.2950, -4.0894,
5.0033

■ 221.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



139.4930, -27.3580, 95.1606



140.2160, -54.3365, 68.2166



136.5320, -67.3103, 29.3514

Triad

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



140.2160, -54.3365, 68.2166



119.2380, 15.1657, -104.5717



148.9700, 49.3148, 2.6573

Complementary

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



140.2160, -54.3365, 68.2166



107.7840, 54.3365, -68.2166

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



140.2160, -54.3365, 68.2166



125.6050, 42.0997, -110.1556

Square

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



140.2160, -54.3365, 68.2166



109.8220, -10.7582, -96.3139



126.9850, 62.6184, -111.3658



147.9320, 27.1485, 65.8346

Rectangle

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



140.2160, -54.3365, 68.2166



131.3280, -64.7447, -0.2877



126.9850, 62.6184, -111.3658



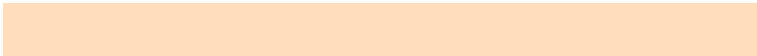
143.8740, 54.7851, -25.3225

Sweetspot

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



140.2160, -54.3365, 68.2166



227.5180, -18.9894, 24.1017



97.2700, 14.6569, 105.8802



111.1130, -11.3947, 14.8099



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.



140.2160, -54.3365, 68.2166



149.6200, -73.7627, 92.4183



194.8070, -81.2499, 20.3403



105.2240, -3.0684, 4.1886



101.6220, -50.0996, 62.5985



26.6680, -13.1473, 16.9542

Inverse Universe

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



107.7840, 54.3365, -68.2166



105.3800, 73.7627, -92.4183



53.1930, 81.2499, -20.3403



103.1890, 3.3578, -3.6738



71.9650, 49.8103, -63.1133



18.7450, 13.4367, -16.4394

Previews

White Background



This preview shows how the YUV color 140.2160, -54.3365, 68.2166 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 140.2160, -54.3365, 68.2166 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 140.2160, -54.3365, 68.2166

Background



This preview shows how black text looks on a background with the YUV color 140.2160, -54.3365, 68.2166.



This preview shows how white text looks on a background with the YUV color 140.2160, -54.3365, 68.2166.

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

140.2160, -54.3365, 68.2166

Protanopia

139.8420, -50.7011, 22.0636

Deuteranopia

139.2590, -59.7807, 40.9919



Tritanopia

147.2040, -12.4256, 65.5961

Trichromacy



Original Color

140.2160, -54.3365, 68.2166

Protanomaly

139.8980, -52.2077, 38.6775

Deuteranomaly

139.7810, -58.0660, 51.0581

Tritanomaly

144.9040, -27.5607, 66.7362

Monochromacy



Original Color

140.2160, -54.3365, 68.2166

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7030, -19.5736, 24.8165

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2160, -54.3365, 68.2166 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(218, 122, 30)` looks like.

```
.text, #text, p{  
    color:rgb(218, 122, 30)  
}
```

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(218, 122, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 122, 30) }
```

Border

The CSS property to change the border of an element to YUV 140.2160, -54.3365, 68.2166 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(218, 122, 30) }
```


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

```
.border{ border-color:rgb(218, 122, 30) }
```

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

Here you see how a box with a 4 pixel rgb(218, 122, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 122, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 122, 30);  
box-shadow:4px 4px 4px 4px rgb(218, 122,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 140.2160, -54.3365, 68.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 122, 30) }
```

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

```
.background{ background-color: rgb(218,  
122, 30) }
```

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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