

Converting Colors

YUV(138.4070, -57.3887,
67.1721)

Have a look what the booklet for
YUV(138.4070, -57.3887, 67.1721)
contains.

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Color

**YUV(138.4070, -57.3887,
67.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	D77A16
RGB	215, 122, 22
RGB Percent	84%, 48%, 9%
CMY	0.1569, 0.5216, 0.9137
CMYK	0.00, 0.43, 0.90, 0.16
HSL	31°, 81%, 46%
HSV	31°, 90%, 84%
XYZ	35.1287, 28.4241, 4.3940
YIQ	138.4070, 87.5280, -11.3840

Conversions

Conversions Part 2

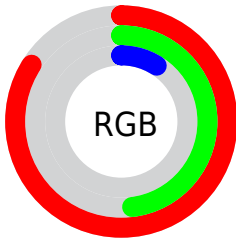
Format	Color
R_{YB}	201, 215, 22
Decimal	14121494
CIE _{Lab}	60.27, 30.07, 62.90
CIE _{LCh}	60, 69.718, 64.448
Yxy	28.4241, 0.5170, 0.4183
Android (android.graphics.Color)	4292311574 (0xFFD77A16)
YUV	138.4070, -57.3887, 67.1721
Hunter-Lab	53.3142, 24.3136, 32.4335

Details

The YUV color **138.4070, -57.3887, 67.1721** 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 **98.5930, 57.3887, -67.1721**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9760, -53.7252, 58.7800**, and **88.3100, -43.5368, 57.6101** is the 20% darker color. If you saturate the color by 10%, you get **130.1430, -63.6675, 74.4196**, and if you desaturate by 10%, it is **146.7850, -50.6730, 59.8246**.

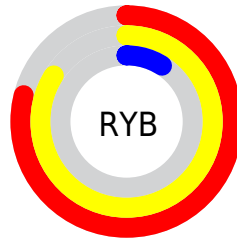
Distribution



Red (84%)

Green (48%)

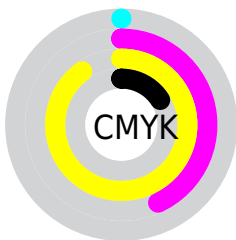
Blue (9%)



Red (79%)

Yellow (84%)

Blue (9%)

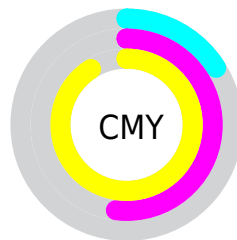


Cyan (0%)

Magenta (43%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4070, -57.3887, 67.1721 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 138.4070, -57.3887, 67.1721 by changing the saturation by 10% instead.

138.4070,
-57.3887, 67.1721

138.4070,
-57.3887, 67.1721

255.0000, 0.0000,
0.0000

111.9550,
-55.1938, 63.1835

187.9760,
-53.7252, 58.7800

88.3100, -43.5368,
57.6101

207.4900,
-50.0346, 41.6663

65.2520, -32.1692,
51.5220

226.8900,
-46.7808, 24.6525

42.7810, -21.0910,
44.9191

244.1700,
-41.4958, 9.4979

19.7340, -9.7289,
40.5753

247.3620,
-29.2655, 6.6985

12.9710, -5.9017,
26.3354

250.5540,

0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

138.4070,
-57.3887, 67.1721

138.4070,
-57.3887, 67.1721

130.1430,
-63.6675, 74.4196

146.7850,
-50.6730, 59.8246

129.4420,
-63.8149, 75.0344

155.6360,
-44.6835, 52.0622

164.0140,
-37.9679, 44.7147

172.2780,
-31.6891, 37.4672

181.2430,
-25.2628, 29.6049

■ 189.5070,
-18.9840, 22.3574

■ 198.4720,
-12.5577, 14.4951

■ 206.7360, -6.2788,
7.2475

■ 215.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



138.0370, -29.1052, 95.5606



138.4070, -57.3887, 67.1721



135.3360, -66.7206, 26.8923

Triad

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



138.4070, -57.3887, 67.1721



118.9930, 16.7655, -104.3569



148.4760, 48.5723, 7.4755

Complementary

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



138.4070, -57.3887, 67.1721



98.5930, 57.3887, -67.1721

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.



117.1200, 67.9748, -102.7142



138.4070, -57.3887, 67.1721



125.3600, 43.6995, -109.9407

Square

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



138.4070, -57.3887, 67.1721



109.9360, -10.3214, -96.4139



125.9250, 63.6340, -110.4362



146.0250, 26.1167, 70.1381

Rectangle

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



138.4070, -57.3887, 67.1721



129.5340, -63.8603, -3.9763



125.9250, 63.6340, -110.4362



143.6080, 54.9163, -20.7042

Sweetspot

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



138.4070, -57.3887, 67.1721



227.7630, -20.5892, 23.8868



90.3090, 12.1727, 109.3540



111.5860, -12.1209, 14.3951



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.



138.4070, -57.3887, 67.1721



153.7290, -75.7884, 88.8147



192.1010, -83.8598, 17.4514



102.8110, -3.3578, 3.6738



103.3720, -50.9624, 59.3098



25.7710, -12.7051, 15.1098

Inverse Universe

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



98.5930, 57.3887, -67.1721



101.2710, 75.7884, -88.8147



44.8990, 83.8598, -17.4514



100.7760, 3.0684, -4.1886



67.6280, 50.9624, -59.3098



17.2290, 12.7051, -15.1098

Previews

White Background



This preview shows how the YUV color 138.4070, -57.3887, 67.1721 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 138.4070, -57.3887, 67.1721 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 138.4070, -57.3887, 67.1721 Background



This preview shows how black text looks on a background with the YUV color 138.4070, -57.3887, 67.1721.



This preview shows how white text looks on a background with the YUV color 138.4070, -57.3887, 67.1721.

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

138.4070, -57.3887, 67.1721

Protanopia

138.0440, -53.7587, 22.7634

Deuteranopia

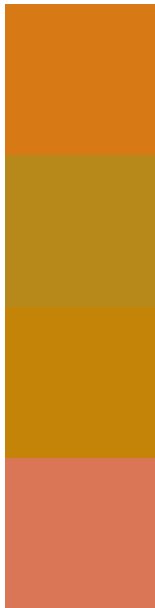
136.0220, -67.0588, 42.0767



Tritanopia

146.3070, -11.9834, 63.7518

Trichromacy



Original Color

138.4070, -57.3887, 67.1721

Protanomaly

138.1000, -55.2653, 39.3773

Deuteranomaly

136.7010, -63.4496, 51.1282

Tritanomaly

143.6650, -28.4288, 65.1918

Monochromacy



Original Color

138.4070, -57.3887, 67.1721

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0620, -20.7366, 24.5016

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4070, -57.3887, 67.1721 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(215, 122, 22)` looks like.

```
.text, #text, p{  
    color:rgb(215, 122, 22)  
}
```

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(215, 122, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 122, 22) }
```

Border

The CSS property to change the border of an element to YUV 138.4070, -57.3887, 67.1721 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(215, 122, 22) }
```


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

```
.border{ border-color:rgb(215, 122, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 122, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 122, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 122, 22);  
box-shadow:4px 4px 4px 4px rgb(215, 122,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 138.4070, -57.3887, 67.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 122, 22) }
```

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

```
.background{ background-color: rgb(215,  
122, 22) }
```

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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