

Converting Colors

YUV(138.5460, -48.0902,
71.4352)

Have a look what the booklet for
YUV(138.5460, -48.0902, 71.4352)
contains.

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Color

**YUV(138.5460, -48.0902,
71.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7429
RGB	220, 116, 41
RGB Percent	86%, 45%, 16%
CMY	0.1373, 0.5451, 0.8392
CMYK	0.00, 0.47, 0.81, 0.14
HSL	25°, 72%, 51%
HSV	25°, 81%, 86%
XYZ	36.1608, 27.8665, 5.5707
YIQ	138.5460, 86.0590, -1.2770

Conversions

Conversions Part 2

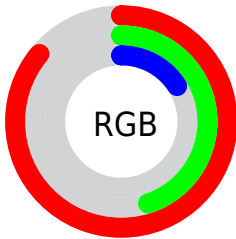
Format	Color
R _Y B	220, 170, 41
Decimal	14447657
CIE Lab	59.77, 35.72, 56.39
CIE LCh	60, 66.747, 57.650
Yxy	27.8665, 0.5196, 0.4004
Android (android.graphics.Color)	4292637737 (0xFFDC7429)
YUV	138.5460, -48.0902, 71.4352
Hunter-Lab	52.7888, 29.8940, 30.6953

Details

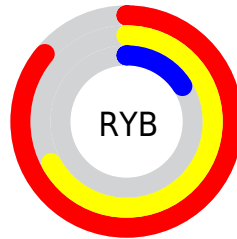
The YUV color **138.5460, -48.0902, 71.4352** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **122.4540, 48.0902, -71.4352**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0500, -45.8736, 60.4692**, and **85.9840, -42.3901, 63.1580** is the 20% darker color. If you saturate the color by 10%, you get **128.4070, -53.9377, 80.3271**, and if you desaturate by 10%, it is **148.6850, -42.2427, 62.5433**.

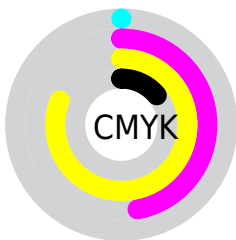
Distribution



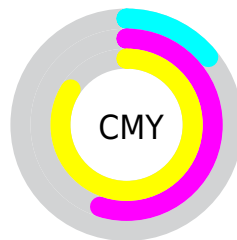
- Red (86%)
- Green (45%)
- Blue (16%)



- Red (86%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (14%)





- Cyan (14%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.5460, -48.0902, 71.4352 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 138.5460, -48.0902, 71.4352 by changing the saturation by 10% instead.


 138.5460,
-48.0902, 71.4352

 138.5460,
-48.0902, 71.4352


255.0000, 0.0000,
0.0000

 110.5950,
-49.1003, 68.7612


 186.0500,
-45.8736, 60.4692

 85.9840, -42.3901,
63.1580


 205.4500,
-42.6198, 43.4554

 62.3390, -30.7331,
57.5847


 224.8500,
-39.3660, 26.4416

 37.8190, -18.6448,
53.6557

 245.0650,
-35.5280, 8.7130

 20.9300, -10.3185,
43.0344

 248.8440,
-23.5871, 5.3988

 13.9820, -5.9071,
28.0798

 252.0360,

 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 138.5460,
-48.0902, 71.4352

■ 138.5460,
-48.0902, 71.4352

■ 128.4070,
-53.9377, 80.3271

■ 148.6850,
-42.2427, 62.5433

■ 119.7840,
-59.0535, 87.8894

■ 158.8240,
-36.3952, 53.6514

■ 168.3760,
-30.2584, 45.2742

■ 178.5150,
-24.4109, 36.3823

■ 188.6540,
-18.5634, 27.4904

■ 198.7930,
-12.7159, 18.5985

■ 208.3450, -6.5791,
10.2214

■ 218.4840, -0.7316,
1.3295

■ 228.6230, 5.1159,
-7.5624

Harmonies

Analogous

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



137.5730, -21.9745, 95.0905



138.5460, -48.0902, 71.4352



134.8040, -66.4584, 36.1289

Triad

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



138.5460, -48.0902, 71.4352



115.9950, 10.3555, -101.7276



144.4630, 51.5367, -10.0531

Complementary

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



138.5460, -48.0902, 71.4352



122.4540, 48.0902, -71.4352

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



138.5460, -48.0902, 71.4352



122.8350, 36.5633, -107.7263

Square

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



138.5460, -48.0902, 71.4352



106.2200, -14.4055, -93.1549



124.5570, 58.3924, -109.2365



146.9630, 30.0912, 55.2834

Rectangle

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



138.5460, -48.0902, 71.4352



130.7850, -64.4770, 7.2046



124.5570, 58.3924, -109.2365



137.5730, 57.8915, -41.7215

Sweetspot

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



138.5460, -48.0902, 71.4352



226.9140, -16.2266, 24.6314



106.3770, 19.0411, 99.6474



110.8680, -9.7949, 15.0248



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.



138.5460, -48.0902, 71.4352



141.3850, -67.2378, 99.6404



190.7890, -73.8460, 25.6180



104.6370, -2.7790, 4.7034



94.5780, -46.6270, 68.7761



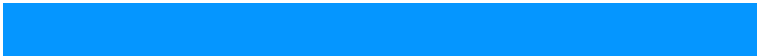
24.9070, -12.2792, 18.4986

Inverse Universe

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



122.4540, 48.0902, -71.4352



118.6150, 67.2378, -99.6404



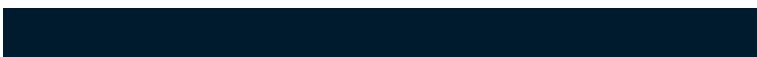
70.2110, 73.8460, -25.6180



103.7760, 3.0684, -4.1886



79.0090, 46.3376, -69.2909



21.0930, 12.2792, -18.4986

Previews

White Background



This preview shows how the YUV color 138.5460, -48.0902, 71.4352 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 138.5460, -48.0902, 71.4352 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 138.5460, -48.0902, 71.4352

Background



This preview shows how black text looks on a background with the YUV color 138.5460, -48.0902, 71.4352.



This preview shows how white text looks on a background with the YUV color 138.5460, -48.0902,

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

138.5460, -48.0902, 71.4352

Protanopia

139.0250, -44.8753, 20.1491

Deuteranopia

138.4850, -52.4971, 38.1627



Tritanopia

143.8840, -13.7468, 69.3847

Trichromacy



Original Color

138.5460, -48.0902, 71.4352

Protanomaly

138.5050, -46.0980, 39.0221

Deuteranomaly

138.3170, -50.9353, 50.5880

Tritanomaly

142.2680, -26.2611, 69.9250

Monochromacy



Original Color

138.5460, -48.0902, 71.4352

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8710, -17.6844, 25.5461

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5460, -48.0902, 71.4352 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(220, 116, 41)` looks like.

```
.text, #text, p{  
    color:rgb(220, 116, 41)  
}
```

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(220, 116, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 116, 41) }
```

Border

The CSS property to change the border of an element to YUV 138.5460, -48.0902, 71.4352 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(220, 116, 41) }
```


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

```
.border{ border-color:rgb(220, 116, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 116, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 116, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 116, 41);  
box-shadow:4px 4px 4px 4px rgb(220, 116,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 138.5460, -48.0902, 71.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 116, 41) }
```

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

```
.background{ background-color: rgb(220,  
116, 41) }
```

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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