

Converting Colors

YUV(142.3910, -56.3948,
75.0791)

Have a look what the booklet for
YUV(142.3910, -56.3948, 75.0791)
contains.

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Color

**YUV(142.3910, -56.3948,
75.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	E4791C
RGB	228, 121, 28
RGB Percent	89%, 47%, 11%
CMY	0.1059, 0.5255, 0.8902
CMYK	0.00, 0.47, 0.88, 0.11
HSL	28°, 79%, 50%
HSV	28°, 88%, 89%
XYZ	39.0419, 30.2526, 4.8802
YIQ	142.3910, 93.6250, -6.2390

Conversions

Conversions Part 2

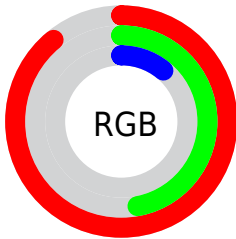
Format	Color
R _Y B	228, 202, 28
Decimal	14973212
CIE Lab	61.87, 36.03, 63.22
CIE LCh	62, 72.762, 60.323
Yxy	30.2526, 0.5264, 0.4079
Android (android.graphics.Color)	4293163292 (0xFFE4791C)
YUV	142.3910, -56.3948, 75.0791
Hunter-Lab	55.0023, 30.4492, 33.2410

Details

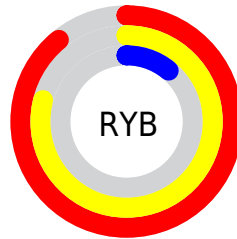
The YUV color **142.3910, -56.3948, 75.0791** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **113.6090, 56.3948, -75.0791**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4320, -51.9780, 58.3801**, and **90.7240, -44.7269, 66.0171** is the 20% darker color. If you saturate the color by 10%, you get **132.7250, -62.9684, 83.5562**, and if you desaturate by 10%, it is **152.0570, -49.8211, 66.6020**.

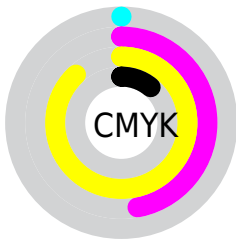
Distribution



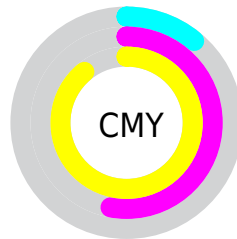
- Red (89%)
- Green (47%)
- Blue (11%)



- Red (89%)
- Yellow (79%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (88%)
- Black (11%)



- Cyan (11%)
- Magenta (53%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.3910, -56.3948, 75.0791 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 142.3910, -56.3948, 75.0791 by changing the saturation by 10% instead.

■ 142.3910,
-56.3948, 75.0791

■ 142.3910,
-56.3948, 75.0791

■ 255.0000, 0.0000,
0.0000

■ 114.6680,
-56.5313, 72.2052

■ 188.4320,
-51.9780, 58.3801

■ 90.7240, -44.7269,
66.0171

■ 207.3590,
-47.9980, 41.7812

■ 67.3670, -33.2119,
59.3141

■ 227.4600,
-44.5968, 24.1526

■ 43.1350, -21.2656,
54.2556

■ 244.6260,
-39.7486, 9.0980

■ 22.7240, -11.2029,
46.7231

■ 247.8180,
-27.5183, 6.2986

■ 15.0640, -6.9336,
30.6389

■ 251.1240,

■ 0.8970, -0.4422,

-14.8511, 3.3993

1.8443

254.4300, -2.1840,
0.4999

0.0000, 0.0000,
0.0000

142.3910,
-56.3948, 75.0791

142.3910,
-56.3948, 75.0791

132.7250,
-62.9684, 83.5562

152.0570,
-49.8211, 66.6020

130.3940,
-64.2842, 85.6005

161.7230,
-43.2474, 58.1249

171.8620,
-37.4000, 49.2330

181.5280,
-30.8263, 40.7559

191.1940,
-24.2526, 32.2789

■ 200.8600,
-17.6790, 23.8018

■ 210.5260,
-11.1053, 15.3247

■ 220.6650, -5.2578,
6.4328

■ 230.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



140.2810, -25.7745, 100.6086



142.3910, -56.3948, 75.0791



139.5110, -68.7789, 33.7549

Triad

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



142.3910, -56.3948, 75.0791



121.3580, 13.1345, -106.4310



150.2080, 51.6625, -3.6904

Complementary

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



142.3910, -56.3948, 75.0791



113.6090, 56.3948, -75.0791

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.



121.2290, 65.9491, -106.3178



142.3910, -56.3948, 75.0791



128.7680, 41.5264, -112.9295

Square

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



142.3910, -56.3948, 75.0791



111.3720, -14.9734, -97.6732



130.0340, 61.6082, -114.0398



150.6700, 31.2217, 66.0644

Rectangle

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



142.3910, -56.3948, 75.0791



134.5950, -66.3553, 2.9862



130.0340, 61.6082, -114.0398



142.0360, 55.6913, -35.9886

Sweetspot

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



142.3910, -56.3948, 75.0791



226.9310, -18.7000, 24.6165



100.3400, 18.5664, 111.9578



110.5260, -11.1053, 15.3247



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.



142.3910, -56.3948, 75.0791



146.0980, -72.0263, 95.5071



199.3300, -84.4657, 25.1436



110.1100, -3.5052, 4.2885



102.2420, -50.4053, 67.3168



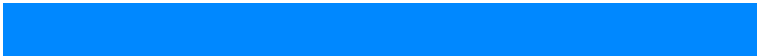
29.3370, -14.4631, 18.9985

Inverse Universe

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



113.6090, 56.3948, -75.0791



108.9020, 72.0263, -95.5071



56.6700, 84.4657, -25.1436



107.8900, 3.5052, -4.2885



76.1710, 50.6947, -66.8020



21.6630, 14.4631, -18.9985

Previews

White Background



This preview shows how the YUV color 142.3910, -56.3948, 75.0791 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 142.3910, -56.3948, 75.0791 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.3910, -56.3948, 75.0791 Background



This preview shows how black text looks on a background with the YUV color 142.3910, -56.3948, 75.0791.



This preview shows how white text looks on a background with the YUV color 142.3910, -56.3948,

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

142.3910, -56.3948, 75.0791

Protanopia

142.6850, -52.5957, 23.0783

Deuteranopia

141.0760, -65.6065, 42.9063



Tritanopia

149.4930, -14.0470, 72.3586

Trichromacy



Original Color

142.3910, -56.3948, 75.0791

Protanomaly

142.1650, -53.8183, 41.9513

Deuteranomaly

141.3640, -62.2975, 54.9318

Tritanomaly

147.0790, -29.6189, 73.5987

Monochromacy



Original Color

142.3910, -56.3948, 75.0791

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.8990, -20.1632, 27.2756

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3910, -56.3948, 75.0791 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(228, 121, 28)` looks like.

```
.text, #text, p{  
    color:rgb(228, 121, 28)  
}
```

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(228, 121, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 121, 28) }
```

Border

The CSS property to change the border of an element to YUV 142.3910, -56.3948, 75.0791 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(228, 121, 28) }
```


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

```
.border{ border-color:rgb(228, 121, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 121, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 121, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 121, 28);  
box-shadow:4px 4px 4px 4px rgb(228, 121,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 142.3910, -56.3948, 75.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 121, 28) }
```

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

```
.background{ background-color: rgb(228,  
121, 28) }
```

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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