

Converting Colors

YUV(135.3940, -47.5222,
75.9535)

Have a look what the booklet for
YUV(135.3940, -47.5222, 75.9535)
contains.

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Color

**YUV(135.3940, -47.5222,
75.9535)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6E27
RGB	222, 110, 39
RGB Percent	87%, 43%, 15%
CMY	0.1294, 0.5686, 0.8471
CMYK	0.00, 0.50, 0.82, 0.13
HSL	23°, 73%, 51%
HSV	23°, 82%, 87%
XYZ	36.0663, 26.8279, 5.1969
YIQ	135.3940, 89.5430, 1.6630

Conversions

Conversions Part 2

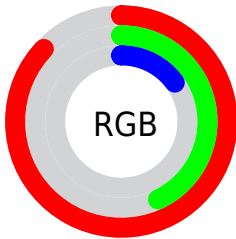
Format	Color
R_{YB}	222, 155, 39
Decimal	14577191
CIE _{Lab}	58.81, 39.51, 56.44
CIE _{LCh}	59, 68.897, 55.009
Yxy	26.8279, 0.5297, 0.3940
Android (android.graphics.Color)	4292767271 (0xFFDE6E27)
YUV	135.3940, -47.5222, 75.9535
Hunter-Lab	51.7957, 33.6505, 30.3082

Details

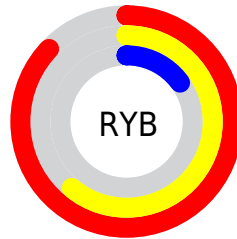
The YUV color **135.3940, -47.5222, 75.9535** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **125.6060, 47.5222, -75.9535**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1860, -45.4477, 63.8579**, and **82.4730, -40.6592, 67.9912** is the 20% darker color. If you saturate the color by 10%, you get **124.6680, -53.0803, 85.3602**, and if you desaturate by 10%, it is **146.1200, -41.9642, 66.5468**.

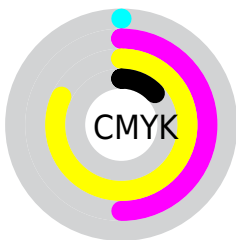
Distribution



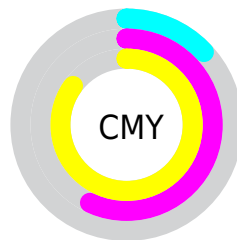
- Red (87%)
- Green (43%)
- Blue (15%)



- Red (87%)
- Yellow (61%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (82%)
- Black (13%)





- Cyan (13%)
- Magenta (57%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3940, -47.5222, 75.9535 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 135.3940, -47.5222, 75.9535 by changing the saturation by 10% instead.


 135.3940,
-47.5222, 75.9535


 135.3940,
-47.5222, 75.9535


255.0000, 0.0000,
0.0000


 107.3290,
-48.9692, 73.3795


 182.1860,
-45.4477, 63.8579


 82.4730, -40.6592,
67.9912


 201.5860,
-42.1939, 46.8441

 58.2410, -28.7128,
62.9326


 221.1000,
-38.5033, 29.7303

 31.0740, -15.3195,
60.4481

 241.2010,
-35.1021, 12.1017

 21.2290, -10.4659,
43.6492

 248.5020,
-24.8975, 5.6987

 13.9820, -5.9071,
28.0798

 251.8080,

 0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 135.3940,
-47.5222, 75.9535

■ 135.3940,
-47.5222, 75.9535

■ 124.6680,
-53.0803, 85.3602

■ 146.1200,
-41.9642, 66.5468

■ 116.8600,
-57.6120, 92.2078

■ 156.2590,
-36.1167, 57.6549

■ 167.0990,
-30.1218, 48.1482

■ 177.2380,
-24.2743, 39.2563

■ 187.9640,
-18.7163, 29.8496

■ 198.6900,
-13.1582, 20.4429

■ 208.8290, -7.3107,
11.5510

■ 219.6690, -1.3158,
2.0443

■ 229.8080, 4.5317,
-6.8476

Harmonies

Analogous

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



133.5780, -19.5120, 98.5941



135.3940, -47.5222, 75.9535



132.4670, -65.3062, 39.9324

Triad

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



135.3940, -47.5222, 75.9535



113.3220, 7.7293, -99.3834



140.3200, 55.0582, -19.5746

Complementary

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



135.3940, -47.5222, 75.9535



125.6060, 47.5222, -75.9535

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



135.3940, -47.5222, 75.9535



120.9770, 34.5213, -106.0968

Square

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



135.3940, -47.5222, 75.9535



106.3090, -19.3793, -84.4630



123.6280, 57.3714, -108.4218



144.4510, 33.3017, 52.2245

Rectangle

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



135.3940, -47.5222, 75.9535



129.0350, -63.6143, 10.4933



123.6280, 57.3714, -108.4218



129.2120, 62.0135, -57.1909

Sweetspot

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



135.3940, -47.5222, 75.9535



224.8110, -16.6688, 26.4758



106.5990, 22.3827, 101.2067



109.4660, -10.0897, 16.2543



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.



135.3940, -47.5222, 75.9535



135.2870, -65.2175, 104.9883



188.8110, -73.8568, 29.1068



106.6370, -2.7790, 4.7034



92.5400, -45.6222, 73.1944



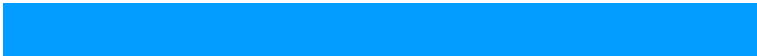
25.5050, -12.5740, 19.7281

Inverse Universe

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



125.6060, 47.5222, -75.9535



122.1260, 65.5069, -104.4735



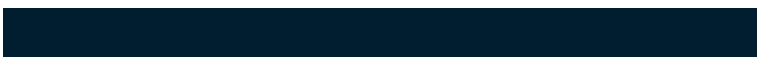
72.1890, 73.8568, -29.1068



106.3630, 2.7790, -4.7034



83.4600, 45.6222, -73.1944



23.0820, 12.2846, -20.2429

Previews

White Background



This preview shows how the YUV color 135.3940, -47.5222, 75.9535 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 135.3940, -47.5222, 75.9535 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 135.3940, -47.5222, 75.9535

Background



This preview shows how black text looks on a background with the YUV color 135.3940, -47.5222, 75.9535.



This preview shows how white text looks on a background with the YUV color 135.3940, -47.5222, 75.9535.

75.9535.

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

135.3940, -47.5222, 75.9535

Protanopia

136.2530, -44.0017, 19.9491

Deuteranopia

135.9580, -53.2233, 37.7478



Tritanopia

140.2760, -14.9261, 74.3029

Trichromacy



Original Color

135.3940, -47.5222, 75.9535

Protanomaly

135.7440, -45.2298, 40.5665

Deuteranomaly

135.9150, -51.2301, 51.8175

Tritanomaly

138.7740, -27.0036, 74.7432

Monochromacy



Original Color

135.3940, -47.5222, 75.9535

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.2950, -17.4004, 27.8053

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3940, -47.5222, 75.9535 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(222, 110, 39)` looks like.

```
.text, #text, p{  
    color:rgb(222, 110, 39)  
}
```

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(222, 110, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 110, 39) }
```

Border

The CSS property to change the border of an element to YUV 135.3940, -47.5222, 75.9535 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(222, 110, 39) }
```


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

```
.border{ border-color:rgb(222, 110, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 110, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 110, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 110, 39);  
box-shadow:4px 4px 4px 4px rgb(222, 110,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 135.3940, -47.5222, 75.9535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 110, 39) }
```

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

```
.background{ background-color: rgb(222,  
110, 39) }
```

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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