

Converting Colors

YUV(139.8880, -46.7798,
71.1352)

Have a look what the booklet for
YUV(139.8880, -46.7798, 71.1352)
contains.

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Color

**YUV(139.8880, -46.7798,
71.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	DD752D
RGB	221, 117, 45
RGB Percent	87%, 46%, 18%
CMY	0.1333, 0.5412, 0.8235
CMYK	0.00, 0.47, 0.80, 0.13
HSL	25°, 72%, 52%
HSV	25°, 80%, 87%
XYZ	36.6537, 28.2842, 6.0102
YIQ	139.8880, 85.0960, -0.3440

Conversions

Conversions Part 2

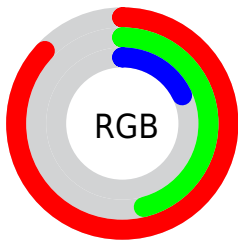
Format	Color
R _Y B	221, 167, 45
Decimal	14513453
CIE Lab	60.14, 35.73, 55.13
CIE LCh	60, 65.699, 57.054
Yxy	28.2842, 0.5166, 0.3987
Android (android.graphics.Color)	4292703533 (0xFFDD752D)
YUV	139.8880, -46.7798, 71.1352
Hunter-Lab	53.1829, 29.9525, 30.5277

Details

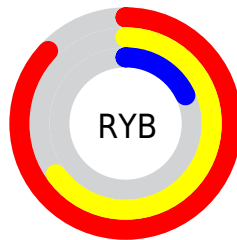
The YUV color **139.8880, -46.7798, 71.1352** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **126.1120, 46.7798, -71.1352**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9790, -44.8526, 59.6544**, and **86.2830, -42.5375, 63.7728** is the 20% darker color. If you saturate the color by 10%, you get **129.7490, -52.6273, 80.0271**, and if you desaturate by 10%, it is **150.0270, -40.9323, 62.2433**.

Distribution



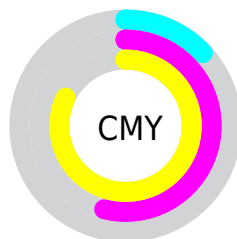
- Red (87%)
- Green (46%)
- Blue (18%)



- Red (87%)
- Yellow (65%)
- Blue (18%)



- Cyan (0%)
- Magenta (47%)
- Yellow (80%)
- Black (13%)



- Cyan (13%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.8880, -46.7798, 71.1352 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 139.8880, -46.7798, 71.1352 by changing the saturation by 10% instead.

139.8880,
-46.7798, 71.1352

139.8880,
-46.7798, 71.1352

255.0000, 0.0000,
0.0000

112.1650,
-46.9163, 68.2613

186.9790,
-44.8526, 59.6544

86.2830, -42.5375,
63.7728

206.3790,
-41.5988, 42.6406

63.5240, -31.3173,
58.2995

225.8930,
-37.9082, 25.5268

39.2920, -19.3710,
53.2409

245.9940,
-34.5070, 7.8983

21.2290, -10.4659,
43.6492

249.1860,
-22.2767, 5.0989

14.2810, -6.0545,
28.6946

252.4920, -9.6096,

0.0000, 0.0000,

2.1995

0.0000

■ 139.8880,
-46.7798, 71.1352

■ 139.8880,
-46.7798, 71.1352

■ 129.7490,
-52.6273, 80.0271

■ 150.0270,
-40.9323, 62.2433

■ 119.6100,
-58.4747, 88.9190

■ 160.1660,
-35.0848, 53.3514

■ 118.9090,
-58.6221, 89.5338

■ 170.3050,
-29.2374, 44.4595

■ 180.4440,
-23.3899, 35.5676

■ 190.5830,
-17.5424, 26.6757

■ 200.8360,
-11.2581, 17.6838

■ 210.9750, -5.4107,
8.7919

■ 221.1140, 0.4368,
-0.1000

■ 231.8400, 5.9949,
-9.5067

Harmonies

Analogous

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



139.0890, -21.2429, 93.7609



139.8880, -46.7798, 71.1352



135.4020, -66.7532, 37.3584

Triad

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



139.8880, -46.7798, 71.1352



115.9950, 10.3555, -101.7276



145.6370, 50.9580, -11.0826

Complementary

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



139.8880, -46.7798, 71.1352



126.1120, 46.7798, -71.1352

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.



119.4680, 66.8173, -104.7734



139.8880, -46.7798, 71.1352



122.7210, 36.1265, -107.6263

Square

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



139.8880, -46.7798, 71.1352



113.4990, -17.5010, -80.2446



125.0300, 57.6662, -109.6513



147.9520, 30.0967, 53.5391

Rectangle

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



139.8880, -46.7798, 71.1352



132.0240, -63.6088, 8.7490



125.0300, 57.6662, -109.6513



138.1600, 57.6021, -42.2363

Sweetspot

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



139.8880, -46.7798, 71.1352



226.9140, -16.2266, 24.6314



109.7080, 20.3570, 97.6031



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.



139.8880, -46.7798, 71.1352



141.9550, -65.0538, 99.1405



190.3700, -71.6674, 26.8625



104.6370, -2.7790, 4.7034



93.4040, -46.0482, 69.8057



24.9070, -12.2792, 18.4986

Inverse Universe

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



126.1120, 46.7798, -71.1352



123.0450, 65.0538, -99.1405



75.6300, 71.6674, -26.8625



103.7760, 3.0684, -4.1886



79.5960, 46.0482, -69.8057



21.0930, 12.2792, -18.4986

Previews

White Background



This preview shows how the YUV color 139.8880, -46.7798, 71.1352 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 139.8880, -46.7798, 71.1352 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 139.8880, -46.7798, 71.1352

Background



This preview shows how black text looks on a background with the YUV color 139.8880, -46.7798, 71.1352.



This preview shows how white text looks on a background with the YUV color 139.8880, -46.7798, 71.1352.

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

139.8880, -46.7798, 71.1352

Protanopia

140.1820, -42.9807, 19.1344

Deuteranopia

139.9410, -50.7499, 37.7627



Tritanopia

144.8840, -13.7468, 69.3847

Trichromacy



Original Color

139.8880, -46.7798, 71.1352

Protanomaly

139.6620, -44.2034, 38.0074

Deuteranomaly

139.7730, -49.1881, 50.1881

Tritanomaly

143.3820, -25.8243, 69.8250

Monochromacy



Original Color

139.8880, -46.7798, 71.1352

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9850, -17.2476, 25.4462

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.8880, -46.7798, 71.1352 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(221, 117, 45)` looks like.

```
.text, #text, p{  
    color:rgb(221, 117, 45)  
}
```

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(221, 117, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 117, 45) }
```

Border

The CSS property to change the border of an element to YUV 139.8880, -46.7798, 71.1352 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(221, 117, 45) }
```


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

```
.border{ border-color:rgb(221, 117, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 117, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 117, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 117, 45);  
box-shadow:4px 4px 4px 4px rgb(221, 117,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 139.8880, -46.7798, 71.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 117, 45) }
```

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

```
.background{ background-color: rgb(221,  
117, 45) }
```

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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