

Converting Colors

YUV(140.1220, -48.3741,
69.1760)

Have a look what the booklet for
YUV(140.1220, -48.3741, 69.1760)
contains.

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Color

**YUV(140.1220, -48.3741,
69.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	DB772A
RGB	219, 119, 42
RGB Percent	86%, 47%, 16%
CMY	0.1412, 0.5333, 0.8353
CMYK	0.00, 0.46, 0.81, 0.14
HSL	26°, 71%, 51%
HSV	26°, 81%, 86%
XYZ	36.2282, 28.4209, 5.7668
YIQ	140.1220, 84.3170, -2.7470

Conversions

Conversions Part 2

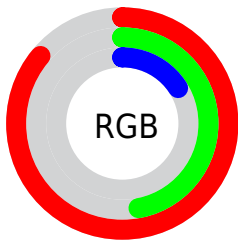
Format	Color
RYB	219, 178, 42
Decimal	14382890
CIELab	60.27, 33.79, 56.39
CIElCh	60, 65.735, 59.069
Yxy	28.4209, 0.5145, 0.4036
Android (android.graphics.Color)	4292572970 (0xFFDB772A)
YUV	140.1220, -48.3741, 69.1760
Hunter-Lab	53.3112, 28.0067, 30.9043

Details

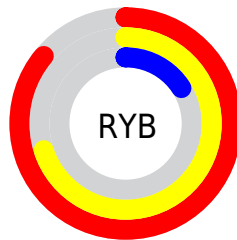
The YUV color **140.1220, -48.3741, 69.1760** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **120.8780, 48.3741, -69.1760**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9250, -46.3050, 58.8248**, and **87.7450, -43.2583, 61.6136** is the 20% darker color. If you saturate the color by 10%, you get **130.5700, -54.5110, 77.5531**, and if you desaturate by 10%, it is **149.6740, -42.2373, 60.7989**.

Distribution



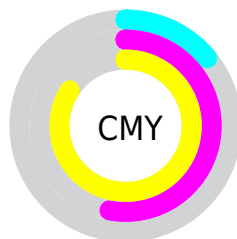
- Red (86%)
- Green (47%)
- Blue (16%)



- Red (86%)
- Yellow (70%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (81%)
- Black (14%)




- Cyan (14%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.1220, -48.3741, 69.1760 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 140.1220, -48.3741, 69.1760 by changing the saturation by 10% instead.


 140.1220,
-48.3741, 69.1760


 140.1220,
-48.3741, 69.1760


255.0000, 0.0000,
0.0000

 112.7580,
-49.6737, 65.9872


 187.9250,
-46.3050, 58.8248

 87.7450, -43.2583,
61.6136


 207.3250,
-43.0512, 41.8110

 64.1000, -31.6013,
56.0403


 226.8390,
-39.3606, 24.6972

 40.4550, -19.9443,
50.4670

 245.7660,
-35.3806, 8.0982

 20.9300, -10.3185,
43.0344

 248.9580,
-23.1503, 5.2988

 13.8680, -6.3439,
28.1798

 252.1500,

 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 140.1220,
-48.3741, 69.1760

■ 140.1220,
-48.3741, 69.1760

■ 130.5700,
-54.5110, 77.5531

■ 149.6740,
-42.2373, 60.7989

■ 121.2460,
-59.7743, 85.7303

■ 159.8130,
-36.3898, 51.9070

■ 169.3650,
-30.2529, 43.5299

■ 178.9170,
-24.1161, 35.1528

■ 188.9420,
-18.7054, 26.3609

■ 198.4940,
-12.5685, 17.9838

■ 208.6330, -6.7211,
9.0919

■ 218.1850, -0.5842,
0.7148

■ 227.7370, 5.5527,
-7.6623

Harmonies

Analogous

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



139.6220, -22.9846, 92.4165



140.1220, -48.3741, 69.1760



135.6790, -66.8897, 34.4845

Triad

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



140.1220, -48.3741, 69.1760



117.1520, 12.2501, -102.7423



146.9150, 49.3419, -6.0645

Complementary

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



140.1220, -48.3741, 69.1760



120.8780, 48.3741, -69.1760

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.



118.8810, 67.1067, -104.2586



140.1220, -48.3741, 69.1760



123.7640, 37.5843, -108.5410

Square

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



140.1220, -48.3741, 69.1760



107.9640, -12.8003, -94.6844



125.2580, 58.5398, -109.8513



148.2190, 28.4860, 56.8129

Rectangle

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



140.1220, -48.3741, 69.1760



132.5720, -61.4140, 4.7604



125.2580, 58.5398, -109.8513



140.8620, 56.2700, -34.9590

Sweetspot

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



140.1220, -48.3741, 69.1760



227.5010, -16.5160, 24.1166



106.3230, 17.5888, 98.8177



111.4550, -10.0843, 14.5100



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.



140.1220, -48.3741, 69.1760



144.6620, -67.3744, 96.7664



191.7780, -73.8406, 23.8737



104.6370, -2.7790, 4.7034



95.7520, -47.2057, 67.7465



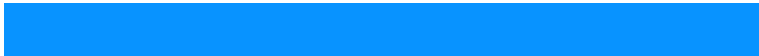
25.4940, -12.5685, 17.9838

Inverse Universe

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



120.8780, 48.3741, -69.1760



117.7510, 67.6638, -96.2516



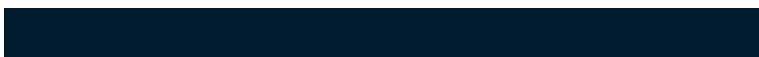
69.2220, 73.8406, -23.8737



103.7760, 3.0684, -4.1886



77.2480, 47.2057, -67.7465



20.5060, 12.5685, -17.9838

Previews

White Background



This preview shows how the YUV color 140.1220, -48.3741, 69.1760 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 140.1220, -48.3741, 69.1760 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 140.1220, -48.3741, 69.1760

Background



This preview shows how black text looks on a background with the YUV color 140.1220, -48.3741, 69.1760.



This preview shows how white text looks on a background with the YUV color 140.1220, -48.3741,

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

140.1220, -48.3741, 69.1760

Protanopia

140.0250, -44.8753, 20.1491

Deuteranopia

139.5990, -52.0603, 38.0627



Tritanopia

145.4000, -13.0152, 68.0552

Trichromacy



Original Color

140.1220, -48.3741, 69.1760

Protanomaly

139.7930, -46.2399, 37.8925

Deuteranomaly

139.7190, -50.6405, 49.3584

Tritanomaly

143.6700, -25.9663, 68.6954

Monochromacy



Original Color

140.1220, -48.3741, 69.1760

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8710, -17.6844, 25.5461

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1220, -48.3741, 69.1760 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(219, 119, 42)` looks like.

```
.text, #text, p{  
    color:rgb(219, 119, 42)  
}
```

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(219, 119, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 119, 42) }
```

Border

The CSS property to change the border of an element to YUV 140.1220, -48.3741, 69.1760 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(219, 119, 42) }
```


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

```
.border{ border-color:rgb(219, 119, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 119, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 119, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 119, 42);  
box-shadow:4px 4px 4px 4px rgb(219, 119,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 140.1220, -48.3741, 69.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 119, 42) }
```

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

```
.background{ background-color: rgb(219,  
119, 42) }
```

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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