

Converting Colors

YUV(57.0680, -16.3025,
49.0524)

Have a look what the booklet for
YUV(57.0680, -16.3025, 49.0524)
contains.

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Color

**YUV(57.0680, -16.3025,
49.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	712318
RGB	113, 35, 24
RGB Percent	44%, 14%, 9%
CMY	0.5569, 0.8627, 0.9059
CMYK	0.00, 0.69, 0.79, 0.56
HSL	7°, 65%, 27%
HSV	7°, 79%, 44%
XYZ	7.5760, 4.7787, 1.3872
YIQ	57.0680, 50.0190, 13.1150

Conversions

Conversions Part 2

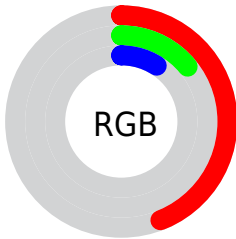
Format	Color
RYB	113, 37, 24
Decimal	7414552
CIELab	26.09, 33.74, 25.87
CIELCh	26, 42.512, 37.476
Yxy	4.7787, 0.5513, 0.3477
Android (android.graphics.Color)	4285604632 (0xFF712318)
YUV	57.0680, -16.3025, 49.0524
Hunter-Lab	21.8603, 23.6059, 11.5397

Details

The YUV color **57.0680, -16.3025, 49.0524** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.9320, 16.3025, -49.0524**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8900, -19.6658, 54.4705**, and **17.3420, -8.5496, 35.6571** is the 20% darker color. If you saturate the color by 10%, you get **49.9440, -18.2134, 55.3001**, and if you desaturate by 10%, it is **64.1920, -14.3917, 42.8046**.

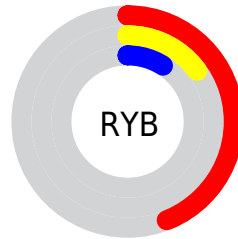
Distribution



Red (44%)

Green (14%)

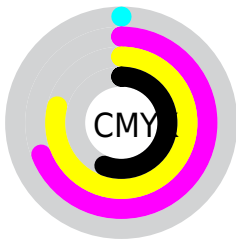
Blue (9%)



Red (44%)

Yellow (15%)

Blue (9%)

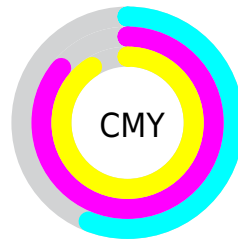


Cyan (0%)

Magenta (69%)

Yellow (79%)

Black (56%)



Cyan (56%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.0680, -16.3025, 49.0524 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 57.0680, -16.3025, 49.0524 by changing the saturation by 10% instead.

■ 57.0680, -16.3025,
49.0524

■ 57.0680, -16.3025,
49.0524

■ 254.6580, -1.3104,
0.2999

■ 29.8230, -14.7027,
49.2672

■ 107.8900,
-19.6658, 54.4705

■ 17.3420, -8.5496,
35.6571

■ 134.4450,
-21.4184, 56.6147

■ 9.3830, -4.1328,
18.9581

■ 161.5270,
-22.4448, 59.1738

■ 0.0000, 0.0000,
0.0000

■ 187.5270,
-22.4448, 59.1738

■ 206.9270,
-19.1910, 42.1600

■ 226.5550,

-15.0636, 24.9463

■ 246.7700,
-11.2256, 7.2177

■ 57.0680, -16.3025,
49.0524

■ 57.0680, -16.3025,
49.0524

■ 49.9440, -18.2134,
55.3001

■ 64.1920, -14.3917,
42.8046

■ 42.7060, -20.5611,
61.6478

■ 71.4300, -12.0440,
36.4569

■ 42.0050, -20.7085,
62.2626

■ 78.5540, -10.1331,
30.2091

■ 85.6780, -8.2223,
23.9614

■ 92.9160, -5.8746,
17.6137

■ 99.4530, -3.6743,
11.8807

■ 106.5770, -1.7635,
5.6330

■ 113.7010, 0.1474,
-0.6148

■ 120.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



55.6400, -0.3155, 54.6897



57.0680, -16.3025, 49.0524



58.3420, -28.7626, 32.1491

Triad

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



57.0680, -16.3025, 49.0524



48.0150, -6.4164, -42.1092



51.3450, 36.8049, -45.0296

Complementary

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



57.0680, -16.3025, 49.0524



79.9320, 16.3025, -49.0524

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.



56.1720, 32.4532, -49.2628



57.0680, -16.3025, 49.0524



52.4780, 8.1453, -46.0232

Square

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



57.0680, -16.3025, 49.0524



51.6580, -24.9744, -16.3631



55.5390, 22.4123, -48.7077



63.2870, 25.0015, 7.6413

Rectangle

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



57.0680, -16.3025, 49.0524



58.2540, -28.7192, 18.1942



55.5390, 22.4123, -48.7077



53.8070, 36.0841, -47.1887

Sweetspot

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



57.0680, -16.3025, 49.0524



125.6990, -6.7536, 19.5580



59.6170, 21.3878, 46.8169



60.4530, -3.6743, 11.8807



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0680, -16.3025, 49.0524



59.7250, -25.9934, 77.4172



82.8960, -29.0357, 26.4012



52.3810, -1.1738, 3.1739



44.6850, -22.0297, 66.0513



92.0500, -45.3806, 135.8911

Inverse Universe

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



79.9320, 16.3025, -49.0524



95.8620, 25.7040, -77.9320



54.1040, 29.0357, -26.4012



53.6190, 1.1738, -3.1739



75.3150, 22.0297, -66.0513



155.5370, 45.0913, -136.4059

Previews

White Background



This preview shows how the YUV color 57.0680, -16.3025, 49.0524 looks on a white background.

Color Contrast Check

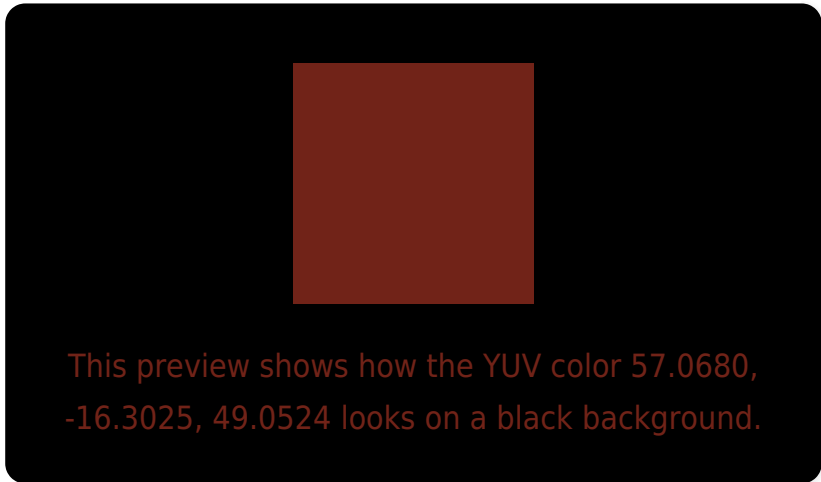
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

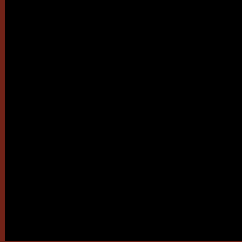
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.0680, -16.3025, 49.0524

Background



This preview shows how black text looks on a background with the YUV color 57.0680, -16.3025, 49.0524.

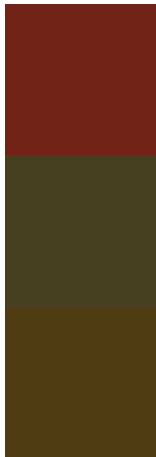


This preview shows how white text looks on a background with the YUV color 57.0680, -16.3025,

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

57.0680, -16.3025, 49.0524

Protanopia

61.5590, -14.5726, 7.4028

Deuteranopia

60.8930, -21.1462, 15.8798



Tritanopia

57.7350, -11.2084, 48.4674

Trichromacy



Original Color

57.0680, -16.3025, 49.0524

Protanomaly

60.1310, -15.3476, 22.6871

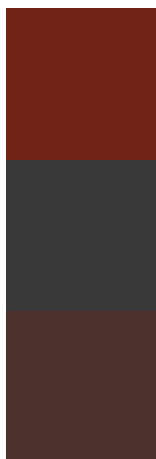
Deuteranomaly

59.4260, -19.4370, 27.6904

Tritanomaly

57.2790, -12.9555, 48.8673

Monochromacy



Original Color

57.0680, -16.3025, 49.0524

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9160, -5.8746, 17.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0680, -16.3025, 49.0524 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(113, 35, 24)` looks like.

```
.text, #text, p{  
    color:rgb(113, 35, 24)  
}
```

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(113, 35, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 35, 24) }
```

Border

The CSS property to change the border of an element to YUV 57.0680, -16.3025, 49.0524 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(113, 35, 24) }
```


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

```
.border{ border-color:rgb(113, 35, 24) }
```

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

Here you see how a box with a 4 pixel rgb(113, 35, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 35, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 35, 24);  
box-shadow:4px 4px 4px 4px rgb(113, 35,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 57.0680, -16.3025, 49.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 35, 24) }
```

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

```
.background{ background-color: rgb(113, 35,  
24) }
```

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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