

Converting Colors

YUV(81.6480, -16.0955,
29.2497)

Have a look what the booklet for
YUV(81.6480, -16.0955, 29.2497)
contains.

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Color

**YUV(81.6480, -16.0955,
29.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	734731
RGB	115, 71, 49
RGB Percent	45%, 28%, 19%
CMY	0.5490, 0.7216, 0.8078
CMYK	0.00, 0.38, 0.57, 0.55
HSL	20°, 40%, 32%
HSV	20°, 57%, 45%
XYZ	9.8778, 8.3731, 4.0013
YIQ	81.6480, 33.2860, 2.4860

Conversions

Conversions Part 2

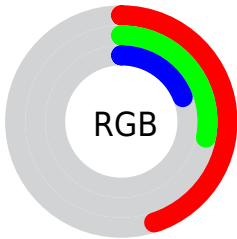
Format	Color
RYB	115, 82, 49
Decimal	7554865
CIELab	34.75, 16.34, 21.00
CIELCh	35, 26.609, 52.125
Yxy	8.3731, 0.4439, 0.3763
Android (android.graphics.Color)	4285744945 (0xFF734731)
YUV	81.6480, -16.0955, 29.2497
Hunter-Lab	28.9362, 10.2954, 12.0568

Details

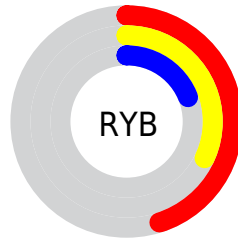
The YUV color **81.6480, -16.0955, 29.2497** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.3520, 16.0955, -29.2497**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9150, -17.7061, 32.5235**, and **35.3270, -15.9372, 25.1462** is the 20% darker color. If you saturate the color by 10%, you get **75.6980, -18.5851, 34.4679**, and if you desaturate by 10%, it is **87.7120, -13.1690, 23.9316**.

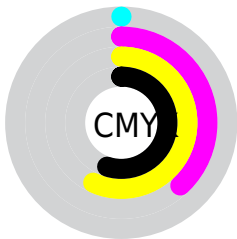
Distribution



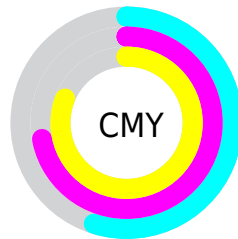
- Red (45%)
- Green (28%)
- Blue (19%)



- Red (45%)
- Yellow (32%)
- Blue (19%)



- Cyan (0%)
- Magenta (38%)
- Yellow (57%)
- Black (55%)



- Cyan (55%)
- Magenta (72%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.6480, -16.0955, 29.2497 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 81.6480, -16.0955, 29.2497 by changing the saturation by 10% instead.

■ 81.6480, -16.0955,
29.2497

■ 81.6480, -16.0955,
29.2497

■ 255.0000, 0.0000,
0.0000

■ 57.9790, -14.7796,
27.2054

■ 131.9150,
-17.7061, 32.5235

■ 35.3270, -15.9372,
25.1462

■ 158.5840,
-19.0219, 34.5678

■ 14.3080, -7.0538,
22.5319

■ 185.1820,
-19.3167, 35.7974

■ 0.0000, 0.0000,
0.0000

■ 213.3670,
-19.9009, 36.5121

■ 232.8810,
-16.2103, 19.3984

■ 251.9220,

-11.7935, 2.6994

■ 81.6480, -16.0955,
29.2497

■ 81.6480, -16.0955,
29.2497

■ 75.6980, -18.5851,
34.4679

■ 87.7120, -13.1690,
23.9316

■ 70.2210, -21.8010,
39.2712

■ 93.0750, -10.3900,
19.2282

■ 64.2710, -24.2906,
44.4893

■ 99.1390, -7.4635,
13.9101

■ 58.2070, -27.2171,
49.8075

■ 105.0890, -4.9739,
8.6919

■ 56.6910, -27.9487,
51.1370

■ 110.5660, -1.7580,
3.8886

■ 116.5160, 0.7316,
-1.3295

■ 122.5800, 3.6581,
-6.6477

■ 127.9430, 6.4371,
-11.3510

■ 134.0070, 9.3635,
-16.6691

Harmonies

Analogous

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



82.2710, -7.5286, 34.8423



81.6480, -16.0955, 29.2497



80.7190, -20.5675, 16.9094

Triad

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



81.6480, -16.0955, 29.2497



68.2350, 3.3351, -43.1791



82.0050, 19.2245, -6.1434

Complementary

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



81.6480, -16.0955, 29.2497



82.3520, 16.0955, -29.2497

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.



74.6700, 23.8267, -35.6676



81.6480, -16.0955, 29.2497



65.6490, 15.4560, -57.5742

Square

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



81.6480, -16.0955, 29.2497



75.2460, -9.9813, -18.6327



65.9400, 24.1866, -57.8294



84.1990, 11.7339, 16.4885

Rectangle

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



81.6480, -16.0955, 29.2497



78.8810, -19.6613, 6.2434



65.9400, 24.1866, -57.8294



80.4060, 20.9988, -15.2651

Sweetspot

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



81.6480, -16.0955, 29.2497



137.1710, -6.0003, 11.2510



73.7500, 9.4902, 36.1763



68.7190, -3.8055, 7.2624



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



81.6480, -16.0955, 29.2497



97.7550, -25.0222, 45.8189



101.0190, -25.6454, 12.2613



55.9680, -1.4632, 2.6591



60.5450, -29.8487, 53.8960



123.4710, -60.8712, 110.9659

Inverse Universe

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



82.3520, 16.0955, -29.2497



99.2450, 25.0222, -45.8189



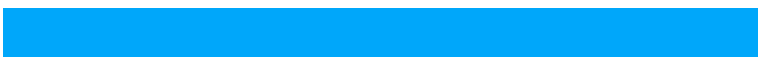
62.9810, 25.6454, -12.2613



56.0320, 1.4632, -2.6591



62.0420, 29.5593, -54.4108



126.5290, 60.8712, -110.9659

Previews

White Background



This preview shows how the YUV color 81.6480, -16.0955, 29.2497 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



This preview shows how the YUV color 81.6480, -16.0955, 29.2497 looks on a 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 81.6480, -16.0955, 29.2497

Background



This preview shows how black text looks on a background with the YUV color 81.6480, -16.0955, 29.2497.

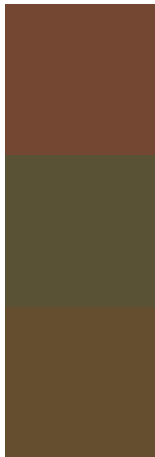


This preview shows how white text looks on a background with the YUV color 81.6480, -16.0955,

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

81.6480, -16.0955, 29.2497

Protanopia

80.7870, -13.6990, 7.2028

Deuteranopia

81.0440, -16.7837, 16.6244



Tritanopia

83.2210, -5.0390, 29.6242

Trichromacy



Original Color

81.6480, -16.0955, 29.2497

Protanomaly

81.0160, -14.3049, 14.8950

Deuteranomaly

80.8920, -16.2158, 21.1427

Tritanomaly

82.4830, -9.1121, 29.3944

Monochromacy



Original Color

81.6480, -16.0955, 29.2497

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8720, -5.8529, 10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.6480, -16.0955, 29.2497 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(115, 71, 49)` looks like.

```
.text, #text, p{  
    color:rgb(115, 71, 49)  
}
```

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(115, 71, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 71, 49) }
```

Border

The CSS property to change the border of an element to YUV 81.6480, -16.0955, 29.2497 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(115, 71, 49) }
```


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

```
.border{ border-color:rgb(115, 71, 49) }
```

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

Here you see how a box with a 4 pixel rgb(115, 71, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 71, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 71, 49);  
box-shadow:4px 4px 4px 4px rgb(115, 71,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 81.6480, -16.0955, 29.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 71, 49) }
```

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

```
.background{ background-color: rgb(115, 71,  
49) }
```

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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