

Converting Colors

YUV(64.4680, 70.7613,
-16.1964)

Have a look what the booklet for
YUV(64.4680, 70.7613, -16.1964)
contains.

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Color

**YUV(64.4680, 70.7613,
-16.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2ED0
RGB	46, 46, 208
RGB Percent	18%, 18%, 82%
CMY	0.8196, 0.8196, 0.1843
CMYK	0.78, 0.78, 0.00, 0.18
HSL	240°, 64%, 50%
HSV	240°, 78%, 82%
XYZ	13.4889, 7.0889, 60.3319
YIQ	64.4680, -52.0020, 50.3820

Conversions

Conversions Part 2

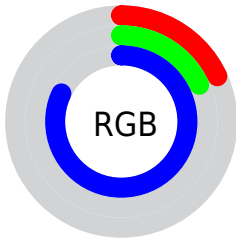
Format	Color
R_{YB}	46, 46, 208
Decimal	3026640
CIE _{Lab}	32.01, 53.87, -81.50
CIE _{LCh}	32, 97.693, 303.466
Yxy	7.0889, 0.1667, 0.0876
Android (android.graphics.Color)	4281216720 (0xFF2E2ED0)
YUV	64.4680, 70.7613, -16.1964
Hunter-Lab	26.6250, 43.8388, -115.7129

Details

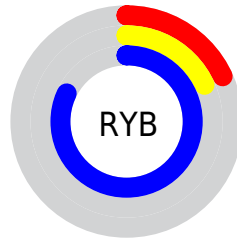
The YUV color **64.4680, 70.7613, -16.1964** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **189.5320, -70.7613, 16.1964**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7150, 66.2025, -0.6271**, and **17.3280, 66.3933, -15.1967** is the 20% darker color. If you saturate the color by 10%, you get **45.8620, 79.9340, -18.2960**, and if you desaturate by 10%, it is **83.0740, 61.5885, -14.0969**.

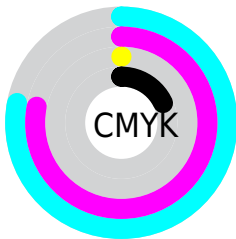
Distribution



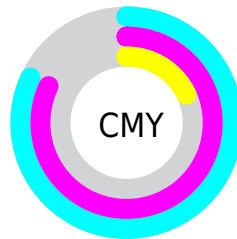
- Red (18%)
- Green (18%)
- Blue (82%)



- Red (18%)
- Yellow (18%)
- Blue (82%)



- Cyan (78%)
- Magenta (78%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4680, 70.7613, -16.1964 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 64.4680, 70.7613, -16.1964 by changing the saturation by 10% instead.

■ 64.4680, 70.7613,
-16.1964

■ 64.4680, 70.7613,
-16.1964

■ 255.0000, 0.0000,
0.0000

■ 33.4340, 72.2570,
-29.3216

■ 120.7150, 66.2025,
-0.6271

■ 17.3280, 66.3933,
-15.1967

■ 145.2460, 54.1087,
5.0463

■ 14.2500, 54.5998,
-12.4972

■ 170.0760, 41.8675,
11.3343

■ 11.8730, 42.9536,
-10.4126

■ 195.1940, 29.4844,
16.4929

■ 13.7190, 29.7185,
-12.0316

■ 220.8990, 16.8118,
21.1366

■ 8.0480, 20.6823,
-7.0581

■ 240.3250, 7.2348,

■ 4.3660, 11.6516,

12.8700

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 64.4680, 70.7613,
-16.1964

■ 64.4680, 70.7613,
-16.1964

■ 45.8620, 79.9340,
-18.2960

■ 83.0740, 61.5885,
-14.0969

■ 27.2560, 89.1068,
-20.3955

■ 101.6800, 52.4158,
-11.9974

■ 23.7120, 90.8540,
-20.7954

■ 119.4000, 43.6798,
-9.9978

■ 138.0060, 34.5070,
-7.8983

■ 156.6120, 25.3343,
-5.7987

■ 175.2180, 16.1615,
-3.6992

■ 193.8240, 6.9888,
-1.5996

■ 211.5440, -1.7472,
0.3999

■ 230.1500,
-10.9199, 2.4995

Harmonies

Analogous

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



77.8590, 77.4705, -68.2823



64.4680, 70.7613, -16.1964



66.2780, 39.3029, 87.4562

Triad

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



64.4680, 70.7613, -16.1964



63.6010, -31.3553, 70.5099



68.1620, 7.3151, -59.7781

Complementary

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



64.4680, 70.7613, -16.1964



189.5320, -70.7613, 16.1964

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.



56.9390, -28.0709, -49.9355



64.4680, 70.7613, -16.1964



70.0270, -34.5233, 13.1313

Square

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



64.4680, 70.7613, -16.1964



55.0160, -27.1229, 113.1190



54.0040, -26.6240, -47.3615



78.1140, 40.3698, -68.5060

Rectangle

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



64.4680, 70.7613, -16.1964



68.3520, 13.6305, 108.4393



54.0040, -26.6240, -47.3615



64.4970, -4.1890, -56.5639

Sweetspot

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



64.4680, 70.7613, -16.1964



202.7260, 25.7711, -5.8987



159.5620, 23.8799, -99.5939



96.1040, 15.7247, -3.5992



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.



64.4680, 70.7613, -16.1964



45.0180, 103.5211, -23.6948



88.6870, 58.8213, 33.6005



95.2540, 4.8048, -1.0998



19.1520, 73.3821, -16.7963



4.6740, 17.9087, -4.0991

Inverse Universe

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



112.9060, 46.8813, 83.3974



115.8810, 68.5857, 122.0074



165.3130, -58.8213, -33.6005



98.5430, 3.1833, 5.6628



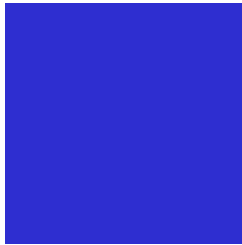
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 64.4680, 70.7613, -16.1964 looks on a white background.

Color Contrast Check

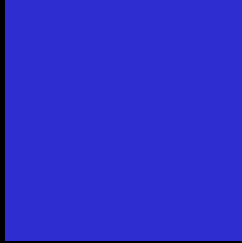
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.4680, 70.7613, -16.1964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

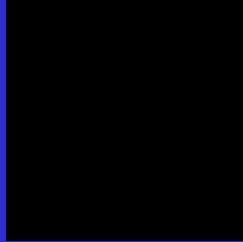
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4680, 70.7613, -16.1964

Background



This preview shows how black text looks on a background with the YUV color 64.4680, 70.7613, -16.1964.



This preview shows how white text looks on a background with the YUV color 64.4680, 70.7613, -16.1964.

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

64.4680, 70.7613, -16.1964

Protanopia

59.5920, 45.5571, -52.2622

Deuteranopia

59.9050, 34.0638, -52.5367



Tritanopia

58.7530, 14.4188, -51.5264

Trichromacy



Original Color

64.4680, 70.7613, -16.1964

Protanomaly

61.6720, 54.3917, -39.1773

Deuteranomaly

61.8370, 47.4084, -39.3220

Tritanomaly

61.2210, 34.8940, -38.7818

Monochromacy



Original Color

64.4680, 70.7613, -16.1964

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7260, 25.7711, -5.8987

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4680, 70.7613, -16.1964 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(46, 46, 208)` looks like.

```
.text, #text, p{  
    color:rgb(46, 46, 208)  
}
```

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(46, 46, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 46, 208) }
```

Border

The CSS property to change the border of an element to YUV 64.4680, 70.7613, -16.1964 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(46, 46, 208) }
```


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

```
.border{ border-color:rgb(46, 46, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 46, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 46, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 46, 208);  
box-shadow:4px 4px 4px 4px rgb(46, 46,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 64.4680, 70.7613, -16.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 46, 208) }
```

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

```
.background{ background-color: rgb(46, 46,  
208) }
```

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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