

Converting Colors

YUV(82.4440, 40.2071,
-16.1754)

Have a look what the booklet for
YUV(82.4440, 40.2071, -16.1754)
contains.

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Color

**YUV(82.4440, 40.2071,
-16.1754)**

Conversions

Conversions Part 1

Format	Color
Hex	404CA4
RGB	64, 76, 164
RGB Percent	25%, 30%, 64%
CMY	0.7490, 0.7020, 0.3569
CMYK	0.61, 0.54, 0.00, 0.36
HSL	233°, 44%, 45%
HSV	233°, 61%, 64%
XYZ	11.3996, 8.9392, 36.2466
YIQ	82.4440, -35.4000, 24.8240

Conversions

Conversions Part 2

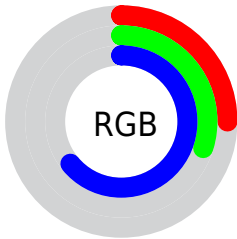
Format	Color
R _Y B	64, 75, 164
Decimal	4213924
CIE Lab	35.87, 23.01, -49.19
CIE LCh	36, 54.303, 295.074
Yxy	8.9392, 0.2015, 0.1580
Android (android.graphics.Color)	4282404004 (0xFF404CA4)
YUV	82.4440, 40.2071, -16.1754
Hunter-Lab	29.8985, 15.7357, -50.9495

Details

The YUV color **82.4440, 40.2071, -16.1754** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **145.5560, -40.2071, 16.1754**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6340, 42.0854, -11.9570**, and **32.0250, 38.9347, -28.0859** is the 20% darker color. If you saturate the color by 10%, you get **69.4420, 46.6171, -18.8046**, and if you desaturate by 10%, it is **95.4460, 33.7971, -13.5461**.

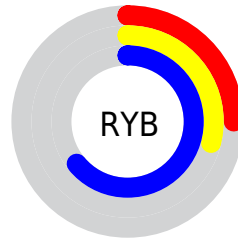
Distribution



Red (25%)

Green (30%)

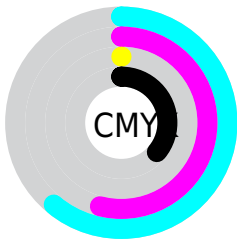
Blue (64%)



Red (25%)

Yellow (29%)

Blue (64%)

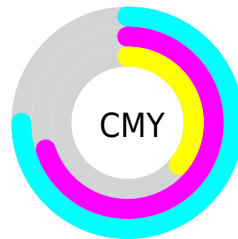


Cyan (61%)

Magenta (54%)

Yellow (0%)

Black (36%)



Cyan (75%)

Magenta (70%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.4440, 40.2071, -16.1754 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 82.4440, 40.2071, -16.1754 by changing the saturation by 10% instead.

■ 82.4440, 40.2071,
-16.1754

■ 82.4440, 40.2071,
-16.1754

■ 255.0000, 0.0000,
0.0000

■ 55.9980, 39.9340,
-21.9232

■ 134.6340, 42.0854,
-11.9570

■ 32.0250, 38.9347,
-28.0859

■ 160.8730, 42.9536,
-10.4126

■ 17.4350, 33.8025,
-15.2905

■ 185.8920, 34.0702,
-7.7983

■ 8.2420, 26.5027,
-7.2282

■ 210.9990, 21.6925,
-4.3841

■ 6.2070, 16.1669,
-5.4435

■ 236.4050, 9.1673,
-0.3552

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 82.4440, 40.2071,
-16.1754

■ 82.4440, 40.2071,
-16.1754

■ 69.4420, 46.6171,
-18.8046

■ 95.4460, 33.7971,
-13.5461

■ 55.5540, 53.4639,
-21.5339

■ 109.3340, 26.9503,
-10.8169

■ 42.5520, 59.8739,
-24.1631

■ 122.3360, 20.5404,
-8.1877

■ 30.4360, 65.8471,
-26.6924

■ 136.2240, 13.6936,
-5.4584

■ 149.2260, 7.2836,
-2.8292

■ 162.8150, 0.5842,
-0.7148

■ 176.1160, -5.9732,
2.5293

■ 189.1180,
-12.3832, 5.1585

■ 203.0060,
-19.2300, 7.8877

Harmonies

Analogous

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



73.6120, 48.5053, -64.5577



82.4440, 40.2071, -16.1754



85.0720, 24.6145, 38.5249

Triad

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



82.4440, 40.2071, -16.1754



78.3510, -35.6690, 54.0662



69.1250, 3.3894, -60.6226

Complementary

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



82.4440, 40.2071, -16.1754



145.5560, -40.2071, 16.1754

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.



62.1200, -15.8352, -54.4792



82.4440, 40.2071, -16.1754



79.5510, -39.2186, 25.8268

Square

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



82.4440, 40.2071, -16.1754



75.9490, -12.2999, 71.9587



74.6240, -36.7896, -6.6862



74.1410, 22.6085, -65.0217

Rectangle

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



82.4440, 40.2071, -16.1754



79.4680, 14.0663, 61.8566



74.6240, -36.7896, -6.6862



66.7140, -3.3100, -58.5082

Sweetspot

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



82.4440, 40.2071, -16.1754



182.6800, 15.4408, -5.8584



132.6180, 9.0623, -60.1780



87.7960, 9.4676, -3.3291



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



82.4440, 40.2071, -16.1754



86.9370, 62.6421, -25.3777



86.4630, 38.2257, 12.7489



74.6130, 3.6418, -1.4146



26.5090, 58.4161, -23.2484



3.2260, 7.2836, -2.8292

Inverse Universe

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



95.2680, -9.4991, 60.2780



106.8100, -14.6963, 94.0056



141.5370, -38.2257, -12.7489



75.8050, -0.8899, 5.4330



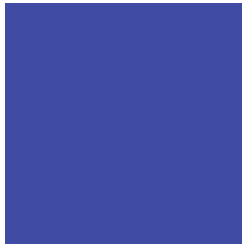
45.2930, -13.9484, 87.4430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 82.4440, 40.2071, -16.1754 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 82.4440, 40.2071, -16.1754 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 82.4440, 40.2071, -16.1754

Background



This preview shows how black text looks on a background with the YUV color 82.4440, 40.2071, -16.1754.



This preview shows how white text looks on a background with the YUV color 82.4440, 40.2071, -16.1754.

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

82.4440, 40.2071, -16.1754

Protanopia

73.2060, 47.7194, -45.7847

Deuteranopia

67.5820, 40.6321, -59.2694



Tritanopia

75.2710, 12.1914, -37.0717

Trichromacy



Original Color

82.4440, 40.2071, -16.1754

Protanomaly

76.5880, 45.0661, -34.7187

Deuteranomaly

72.6810, 40.5833, -43.5702

Tritanomaly

77.6600, 22.3526, -29.5198

Monochromacy



Original Color

82.4440, 40.2071, -16.1754

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1530, 14.7146, -6.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4440, 40.2071, -16.1754 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(64, 76, 164)` looks like.

```
.text, #text, p{  
    color:rgb(64, 76, 164)  
}
```

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(64, 76, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 76, 164) }
```

Border

The CSS property to change the border of an element to YUV 82.4440, 40.2071, -16.1754 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(64, 76, 164) }
```


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

```
.border{ border-color:rgb(64, 76, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 76, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 76, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 76, 164);  
box-shadow:4px 4px 4px 4px rgb(64, 76,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 82.4440, 40.2071, -16.1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 76, 164) }
```

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

```
.background{ background-color: rgb(64, 76,  
164) }
```

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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