

Converting Colors

YUV(78.8460, 60.7149,
-13.8969)

Have a look what the booklet for
YUV(78.8460, 60.7149, -13.8969)
contains.

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Color

**YUV(78.8460, 60.7149,
-13.8969)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3FCA
RGB	63, 63, 202
RGB Percent	25%, 25%, 79%
CMY	0.7529, 0.7529, 0.2078
CMYK	0.69, 0.69, 0.00, 0.21
HSL	240°, 57%, 52%
HSV	240°, 69%, 79%
XYZ	14.4881, 8.8760, 56.8268
YIQ	78.8460, -44.6190, 43.2290

Conversions

Conversions Part 2

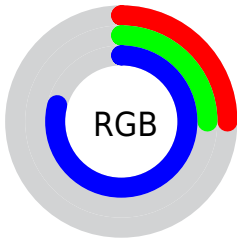
Format	Color
R _Y B	63, 63, 202
Decimal	4145098
CIE Lab	35.74, 44.06, -71.81
CIE LCh	36, 84.247, 301.529
Yxy	8.8760, 0.1807, 0.1107
Android (android.graphics.Color)	4282335178 (0xFF3F3FCA)
YUV	78.8460, 60.7149, -13.8969
Hunter-Lab	29.7927, 34.6667, -92.2352

Details

The YUV color **78.8460, 60.7149, -13.8969** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **186.1540, -60.7149, 13.8969**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0860, 60.1036, -4.4604**, and **27.9110, 58.7109, -24.4779** is the 20% darker color. If you saturate the color by 10%, you get **61.1260, 69.4509, -15.8965**, and if you desaturate by 10%, it is **96.5660, 51.9790, -11.8974**.

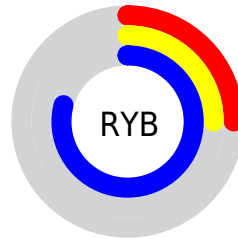
Distribution



Red (25%)

Green (25%)

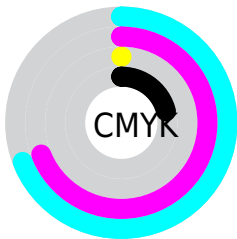
Blue (79%)



Red (25%)

Yellow (25%)

Blue (79%)

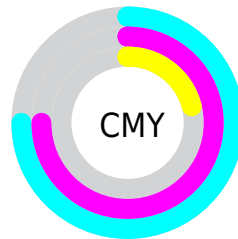


Cyan (69%)

Magenta (69%)

Yellow (0%)

Black (21%)



Cyan (75%)

Magenta (75%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8460, 60.7149, -13.8969 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 78.8460, 60.7149, -13.8969 by changing the saturation by 10% instead.

■ 78.8460, 60.7149,
-13.8969

■ 78.8460, 60.7149,
-13.8969

■ 255.0000, 0.0000,
0.0000

■ 46.9040, 62.6583,
-30.6108

■ 133.0860, 60.1036,
-4.4604

■ 27.9110, 58.7109,
-24.4779

■ 156.7310, 48.4466,
1.1129

■ 13.6800, 52.4158,
-11.9974

■ 181.5500, 36.2109,
5.6567

■ 10.7160, 41.0590,
-9.3979

■ 206.6680, 23.8277,
10.8152

■ 12.5620, 27.8239,
-11.0169

■ 232.0740, 11.3025,
14.8441

■ 7.5920, 18.9351,
-6.6582

■ 250.8910, 2.0257,

■ 3.3230, 10.1938,

3.6036

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 78.8460, 60.7149,
-13.8969

■ 78.8460, 60.7149,
-13.8969

■ 61.1260, 69.4509,
-15.8965

■ 96.5660, 51.9790,
-11.8974

■ 43.4060, 78.1868,
-17.8961

■ 114.2860, 43.2430,
-9.8978

■ 24.8000, 87.3596,
-19.9956

■ 132.8920, 34.0702,
-7.7983

■ 23.0280, 88.2332,
-20.1956

■ 150.6120, 25.3343,
-5.7987

■ 168.3320, 16.5983,
-3.7992

■ 186.0520, 7.8624,
-1.7996

■ 203.7720, -0.8736,
0.2000

■ 222.3780,
-10.0464, 2.2995

■ 240.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



80.6000, 70.2032, -70.6862



78.8460, 60.7149, -13.8969



65.5380, 41.6398, 84.5972

Triad

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



78.8460, 60.7149, -13.8969



74.7980, -36.8754, 67.7062



73.2000, 6.3104, -64.1964

Complementary

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



78.8460, 60.7149, -13.8969



186.1540, -60.7149, 13.8969

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.



62.3360, -30.2386, -54.6687



78.8460, 60.7149, -13.8969



78.6210, -38.7602, 18.7494

Square

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



78.8460, 60.7149, -13.8969



57.6660, -19.5553, 112.5489



62.5980, -30.8608, -41.7434



81.5390, 35.7233, -71.5097

Rectangle

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



78.8460, 60.7149, -13.8969



68.2960, 18.5881, 104.9804



62.5980, -30.8608, -41.7434



70.4640, -4.1728, -61.7969

Sweetspot

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



78.8460, 60.7149, -13.8969



207.1560, 23.5871, -5.3988



160.4390, 20.4896, -85.4540



99.6480, 13.9775, -3.1993



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.



78.8460, 60.7149, -13.8969



67.1680, 92.6012, -21.1953



99.7760, 50.3964, 29.1374



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



120.4070, 40.2253, 71.5571



130.5560, 61.3509, 109.1374



165.5230, -50.5438, -28.5227



96.1300, 2.8939, 5.1480



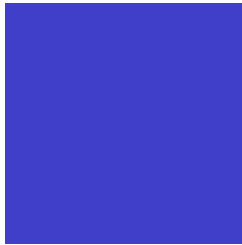
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 78.8460, 60.7149, -13.8969 looks on a white background.

Color Contrast Check

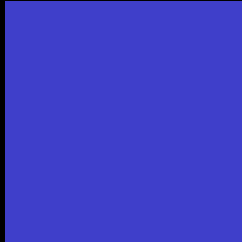
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.8460, 60.7149, -13.8969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

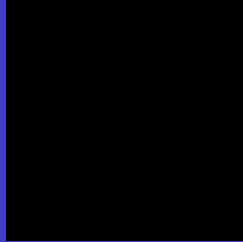
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8460, 60.7149, -13.8969

Background



This preview shows how black text looks on a background with the YUV color 78.8460, 60.7149, -13.8969.



This preview shows how white text looks on a background with the YUV color 78.8460, 60.7149, -13.8969.

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

78.8460, 60.7149, -13.8969

Protanopia

66.9270, 50.8150, -58.6950

Deuteranopia

67.1260, 38.8849, -58.8695



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

78.8460, 60.7149, -13.8969

Protanomaly

71.0630, 54.6919, -42.1513

Deuteranomaly

71.5870, 46.5456, -42.6108

Tritanomaly

70.5150, 32.2841, -41.6707

Monochromacy



Original Color

78.8460, 60.7149, -13.8969

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8140, 22.2767, -5.0989

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8460, 60.7149, -13.8969 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(63, 63, 202)` looks like.

```
.text, #text, p{  
    color:rgb(63, 63, 202)  
}
```

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(63, 63, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 63, 202) }
```

Border

The CSS property to change the border of an element to YUV 78.8460, 60.7149, -13.8969 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(63, 63, 202) }
```


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

```
.border{ border-color:rgb(63, 63, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 63, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 63, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 63, 202);  
box-shadow:4px 4px 4px 4px rgb(63, 63,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 78.8460, 60.7149, -13.8969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 63, 202) }
```

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

```
.background{ background-color: rgb(63, 63,  
202) }
```

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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