

Converting Colors

YUV(78.1890, 60.5458, -6.3048)

Have a look what the booklet for
YUV(78.1890, 60.5458, -6.3048)
contains.

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Color

**YUV(78.1890, 60.5458,
-6.3048)**

Conversions

Conversions Part 1

Format	Color
Hex	473AC9
RGB	71, 58, 201
RGB Percent	28%, 23%, 79%
CMY	0.7216, 0.7725, 0.2118
CMYK	0.65, 0.71, 0.00, 0.21
HSL	245°, 57%, 51%
HSV	245°, 71%, 79%
XYZ	14.6542, 8.5828, 56.1426
YIQ	78.1890, -38.1550, 47.2290

Conversions

Conversions Part 2

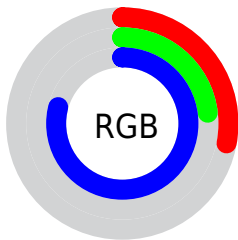
Format	Color
R_{YB}	71, 58, 201
Decimal	4668105
CIE _{Lab}	35.17, 47.56, -72.16
CIE _{LCh}	35, 86.418, 303.388
Yxy	8.5828, 0.1846, 0.1081
Android (android.graphics.Color)	4282858185 (0xFF473AC9)
YUV	78.1890, 60.5458, -6.3048
Hunter-Lab	29.2963, 38.0182, -93.1141

Details

The YUV color **78.1890, 60.5458, -6.3048** 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 **180.8110, -60.5458, 6.3048**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9450, 60.6661, 1.8022**, and **23.1010, 60.5892, -20.2596** is the 20% darker color. If you saturate the color by 10%, you get **61.0670, 68.9870, -7.0748**, and if you desaturate by 10%, it is **95.3110, 52.1047, -5.5347**.

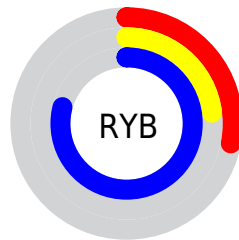
Distribution



Red (28%)

Green (23%)

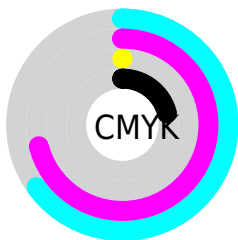
Blue (79%)



Red (28%)

Yellow (23%)

Blue (79%)

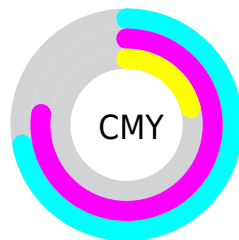


Cyan (65%)

Magenta (71%)

Yellow (0%)

Black (21%)



Cyan (72%)

Magenta (77%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1890, 60.5458, -6.3048 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 78.1890, 60.5458, -6.3048 by changing the saturation by 10% instead.

■ 78.1890, 60.5458,
-6.3048

■ 78.1890, 60.5458,
-6.3048

■ 255.0000, 0.0000,
0.0000

■ 49.2370, 61.0152,
-16.8708

■ 131.9450, 60.6661,
1.8022

■ 23.1010, 60.5892,
-20.2596

■ 156.1770, 48.7197,
6.8608

■ 13.5660, 51.9790,
-11.8974

■ 180.4090, 36.7734,
11.9193

■ 10.6020, 40.6222,
-9.2980

■ 206.1140, 24.1008,
16.5630

■ 12.5620, 27.8239,
-11.0169

■ 231.5200, 11.5756,
20.5920

■ 6.8910, 18.7877,
-6.0434

■ 247.9560, 3.4727,

■ 3.3230, 10.1938,

6.1776

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 78.1890, 60.5458,
-6.3048

■ 78.1890, 60.5458,
-6.3048

■ 61.0670, 68.9870,
-7.0748

■ 95.3110, 52.1047,
-5.5347

■ 43.6460, 77.5755,
-8.4595

■ 112.7320, 43.5161,
-4.1500

■ 28.2960, 85.1431,
-9.0296

■ 129.8540, 35.0750,
-3.3800

■ 146.9760, 26.6338,
-2.6100

■ 164.6850, 17.9033,
-2.3547

■ 182.1060, 9.3147,
-0.9700

■ 199.2280, 0.8736,
-0.2000

■ 216.3500, -7.5675,
0.5701

■ 233.4720,
-16.0087, 1.3401

Harmonies

Analogous

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



79.6540, 71.6556, -69.8566



78.1890, 60.5458, -6.3048



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.



78.1890, 60.5458, -6.3048



74.1890, -36.5752, 64.7322



72.9550, 7.9102, -63.9815

Complementary

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



78.1890, 60.5458, -6.3048



180.8110, -60.5458, 6.3048

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.



62.0910, -28.6389, -54.4538



78.1890, 60.5458, -6.3048



77.1260, -38.0231, 15.6755

Square

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



78.1890, 60.5458, -6.3048



56.0420, -23.1917, 112.2192



57.5260, -28.3603, -50.4503



81.4080, 37.7599, -71.3948

Rectangle

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



78.1890, 60.5458, -6.3048



68.3240, 16.1093, 106.7099



57.5260, -28.3603, -50.4503



70.2190, -2.5730, -61.5821

Sweetspot

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



78.1890, 60.5458, -6.3048



208.6510, 22.8501, -2.3249



151.1990, 24.5519, -81.7355



100.5450, 13.5353, -1.3550



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.



78.1890, 60.5458, -6.3048



68.7180, 91.8370, -9.3997



99.1190, 50.2273, 36.7296



91.0260, 3.9312, -0.8998



23.0670, 68.9870, -7.0748



5.0010, 15.2825, -1.7549

Inverse Universe

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



115.5770, 35.7045, 74.9160



125.3410, 54.0619, 113.7109



159.8810, -50.2273, -36.7296



93.7170, 2.6045, 4.6332



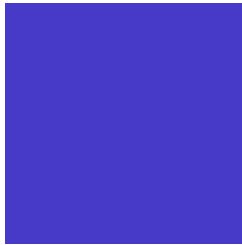
65.6090, 40.6188, 85.4119



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 78.1890, 60.5458, -6.3048 looks on a white background.

Color Contrast Check

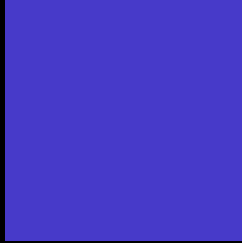
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.1890, 60.5458, -6.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

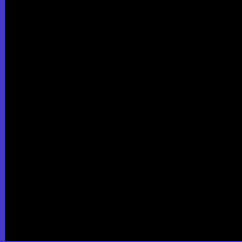
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1890, 60.5458, -6.3048

Background



This preview shows how black text looks on a background with the YUV color 78.1890, 60.5458, -6.3048.



This preview shows how white text looks on a background with the YUV color 78.1890, 60.5458, -6.3048.

-6.3048.

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

78.1890, 60.5458, -6.3048

Deuteranopia

66.1970, 37.8639, -58.0548

Tritanopia

64.5890, 16.4716, -56.6446

Trichromacy



Original Color

78.1890, 60.5458, -6.3048

Deuteranomaly

70.4950, 46.0980, -39.0221

Tritanomaly

69.5370, 32.2733, -38.1819

Monochromacy



Original Color

78.1890, 60.5458, -6.3048

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1240, 22.1239, -2.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1890, 60.5458, -6.3048 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(71, 58, 201)` looks like.

```
.text, #text, p{  
    color:rgb(71, 58, 201)  
}
```

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(71, 58, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 58, 201) }
```

Border

The CSS property to change the border of an element to YUV 78.1890, 60.5458, -6.3048 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(71, 58, 201) }
```

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

```
.border{ border-color:rgb(71, 58, 201) }
```

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

Here you see how a box with a 4 pixel rgb(71, 58, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 58, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 58, 201);  
box-shadow:4px 4px 4px 4px rgb(71, 58,  
201) }
```


Background

The CSS property to change the background color of an element to YUV 78.1890, 60.5458, -6.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 58, 201) }
```

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

```
.background{ background-color: rgb(71, 58,  
201) }
```

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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