

Converting Colors

YUV(80.0530, 63.5709, 3.4615)

Have a look what the booklet for
YUV(80.0530, 63.5709, 3.4615)
contains.

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Color

**YUV(80.0530, 63.5709,
3.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	5435D1
RGB	84, 53, 209
RGB Percent	33%, 21%, 82%
CMY	0.6706, 0.7922, 0.1804
CMYK	0.60, 0.75, 0.00, 0.18
HSL	252°, 63%, 51%
HSV	252°, 75%, 82%
XYZ	16.4379, 9.0345, 61.1991
YIQ	80.0530, -31.6000, 55.0880

Conversions

Conversions Part 2

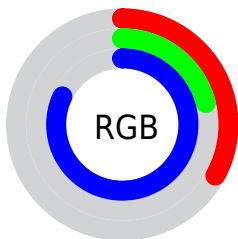
Format	Color
R_{YB}	84, 53, 209
Decimal	5518801
CIE _{Lab}	36.05, 54.22, -75.31
CIE _{LCh}	36, 92.797, 305.750
Yxy	9.0345, 0.1897, 0.1042
Android (android.graphics.Color)	4283708881 (0xFF5435D1)
YUV	80.0530, 63.5709, 3.4615
Hunter-Lab	30.0574, 45.0182, -99.6786

Details

The YUV color **80.0530, 63.5709, 3.4615** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **181.9470, -63.5709, -3.4615**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1850, 60.0548, 11.2388**, and **17.4420, 66.8301, -15.2966** is the 20% darker color. If you saturate the color by 10%, you get **62.6430, 72.1540, 3.8211**, and if you desaturate by 10%, it is **97.4630, 54.9877, 3.1019**.

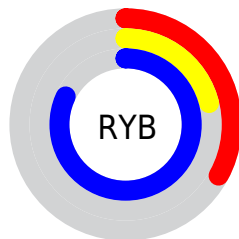
Distribution



Red (33%)

Green (21%)

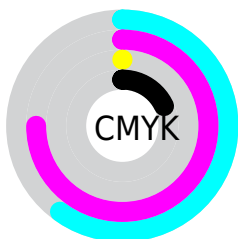
Blue (82%)



Red (33%)

Yellow (21%)

Blue (82%)

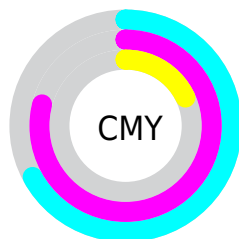


Cyan (60%)

Magenta (75%)

Yellow (0%)

Black (18%)



Cyan (67%)

Magenta (79%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0530, 63.5709, 3.4615 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 80.0530, 63.5709, 3.4615 by changing the saturation by 10% instead.

■ 80.0530, 63.5709,
3.4615

■ 80.0530, 63.5709,
3.4615

■ 255.0000, 0.0000,
0.0000

■ 51.4220, 63.8820,
-3.0011

■ 133.1850, 60.0548,
11.2388

■ 17.4420, 66.8301,
-15.2966

■ 158.0040, 47.8190,
15.7825

■ 14.3640, 55.0365,
-12.5972

■ 182.5350, 35.7252,
21.4558

■ 11.4000, 43.6798,
-9.9978

■ 207.9410, 23.2001,
25.4847

■ 13.8330, 30.1553,
-12.1315

■ 229.7590, 12.4438,
22.1364

■ 8.1620, 21.1191,
-7.1581

■ 246.7820, 4.0515,

■ 4.4800, 12.0884,

7.2072

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 80.0530, 63.5709,
3.4615

■ 80.0530, 63.5709,
3.4615

■ 62.6430, 72.1540,
3.8211

■ 97.4630, 54.9877,
3.1019

■ 45.5320, 80.5897,
4.7954

■ 114.5740, 46.5520,
2.1276

■ 36.3840, 85.0997,
4.9252

■ 131.9840, 37.9689,
1.7680

■ 149.3940, 29.3858,
1.4085

■ 166.8040, 20.8026,
1.0489

■ 183.3280, 12.6563,
0.5893

■ 200.7380, 4.0732,
0.2298

■ 218.1480, -4.5100,
-0.1298

■ 235.5580,
-13.0931, -0.4894

Harmonies

Analogous

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



81.7230, 77.0446, -71.6711



80.0530, 63.5709, 3.4615



70.0940, 38.4077, 94.6336

Triad

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



80.0530, 63.5709, 3.4615



76.5480, -37.7382, 64.4174



76.3290, 10.6838, -66.9405

Complementary

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



80.0530, 63.5709, 3.4615



181.9470, -63.5709, -3.4615

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.



64.3080, -27.7598, -56.3981



80.0530, 63.5709, 3.4615



78.5770, -38.7385, 11.7720

Square

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



80.0530, 63.5709, 3.4615



57.1090, -28.1547, 117.4224



59.8740, -29.5179, -52.5095



85.3520, 42.7175, -74.8537

Rectangle

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



80.0530, 63.5709, 3.4615



71.3850, 13.6142, 113.6724



59.8740, -29.5179, -52.5095



72.7780, -0.3836, -63.8263

Sweetspot

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



80.0530, 63.5709, 3.4615



208.6730, 22.8392, 1.1638



145.3330, 31.3878, -80.9760



99.9690, 13.8193, 0.9042



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.



80.0530, 63.5709, 3.4615



64.9740, 93.6828, 5.2848



102.7770, 52.3679, 50.1846



95.8520, 4.5100, 0.1298



29.0190, 68.5176, 3.4913



7.0660, 16.7295, 0.8191

Inverse Universe

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



113.8940, 31.6043, 83.4080



114.7460, 46.4672, 123.0028



159.2230, -52.3679, -50.1846



98.2010, 1.8729, 5.9627



65.6220, 34.2034, 89.7855



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 80.0530, 63.5709, 3.4615 looks on a white background.

Color Contrast Check

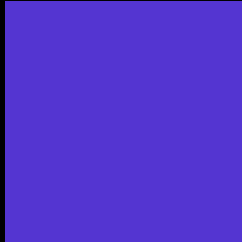
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.0530, 63.5709, 3.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

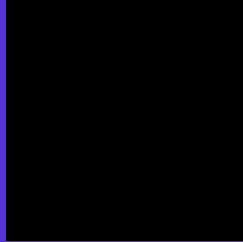
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0530, 63.5709, 3.4615

Background



This preview shows how black text looks on a background with the YUV color 80.0530, 63.5709, 3.4615.



This preview shows how white text looks on a background with the YUV color 80.0530, 63.5709,

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

80.0530, 63.5709, 3.4615

Protanopia

67.7420, 51.3992, -59.4097

Deuteranopia

67.8270, 39.0323, -59.4843



Tritanopia

75.8580, 11.9020, -37.5865

Trichromacy



Original Color

80.0530, 63.5709, 3.4615

Protanomaly

72.0360, 55.6913, -35.9886

Deuteranomaly

72.6740, 47.9817, -36.5481

Tritanomaly

77.2940, 30.9141, -22.1828

Monochromacy



Original Color

80.0530, 63.5709, 3.4615

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7870, 23.2760, 1.0638

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0530, 63.5709, 3.4615 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(84, 53, 209)` looks like.

```
.text, #text, p{  
    color:rgb(84, 53, 209)  
}
```

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(84, 53, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 53, 209) }
```

Border

The CSS property to change the border of an element to YUV 80.0530, 63.5709, 3.4615 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(84, 53, 209) }
```


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

```
.border{ border-color:rgb(84, 53, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 53, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 53, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 53, 209);  
box-shadow:4px 4px 4px 4px rgb(84, 53,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 80.0530, 63.5709, 3.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 53, 209) }
```

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

```
.background{ background-color: rgb(84, 53,  
209) }
```

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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