

Converting Colors

YUV(80.4210, 72.2634, 15.4168)

Have a look what the booklet for
YUV(80.4210, 72.2634, 15.4168)
contains.

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Color

**YUV(80.4210, 72.2634,
15.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	622BE3
RGB	98, 43, 227
RGB Percent	38%, 17%, 89%
CMY	0.6157, 0.8314, 0.1098
CMYK	0.57, 0.81, 0.00, 0.11
HSL	258°, 77%, 53%
HSV	258°, 81%, 89%
XYZ	19.7660, 9.8705, 73.5365
YIQ	80.4210, -26.2840, 68.8840

Conversions

Conversions Part 2

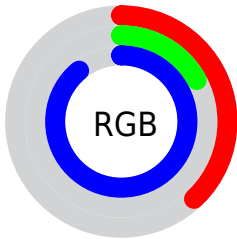
Format	Color
R_{YB}	98, 43, 227
Decimal	6433763
CIE _{Lab}	37.61, 65.16, -83.04
CIE _{LCh}	38, 105.555, 308.118
Yxy	9.8705, 0.1916, 0.0957
Android (android.graphics.Color)	4284623843 (0xFF622BE3)
YUV	80.4210, 72.2634, 15.4168
Hunter-Lab	31.4173, 57.3219, -116.7841

Details

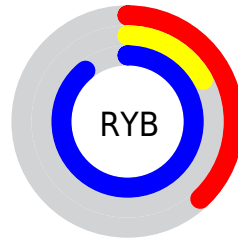
The YUV color **80.4210, 72.2634, 15.4168** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **189.5790, -72.2634, -15.4168**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.1480, 59.5800, 23.5492**, and **19.9780, 73.9608, -15.7667** is the 20% darker color. If you saturate the color by 10%, you get **62.1360, 81.2780, 17.4207**, and if you desaturate by 10%, it is **98.7060, 63.2489, 13.4128**.

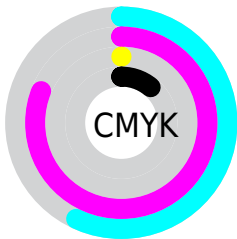
Distribution



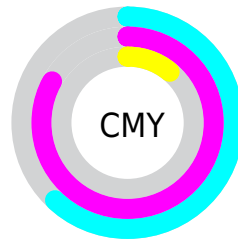
- Red (38%)
- Green (17%)
- Blue (89%)



- Red (38%)
- Yellow (17%)
- Blue (89%)



- Cyan (57%)
- Magenta (81%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (83%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4210, 72.2634, 15.4168 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 80.4210, 72.2634, 15.4168 by changing the saturation by 10% instead.

80.4210, 72.2634,
15.4168

80.4210, 72.2634,
15.4168

255.0000, 0.0000,
0.0000

46.1050, 74.8842,
14.8169

134.1480, 59.5800,
23.5492

19.9780, 73.9608,
-15.7667

159.2660, 47.1969,
28.7077

16.3020, 62.4621,
-14.2969

184.3840, 34.8137,
33.8662

13.2240, 50.6686,
-11.5974

210.0890, 22.1411,
38.5099

12.6080, 38.1543,
-11.0572

226.8240, 13.8908,
24.7104

11.6330, 26.8029,
-10.2021

243.8470, 5.4984,

6.6630, 17.9141,

9.7812

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 80.4210, 72.2634,
15.4168

■ 80.4210, 72.2634,
15.4168

■ 62.1360, 81.2780,
17.4207

■ 98.7060, 63.2489,
13.4128

■ 46.2100, 89.1295,
19.1098

■ 116.4040, 54.5238,
11.9237

■ 134.6890, 45.5093,
9.9197

■ 152.9740, 36.4948,
7.9158

■ 171.2590, 27.4803,
5.9119

■ 188.6580, 18.9026,
3.8079

■ 206.9430, 9.8881,
1.8040

■ 225.2280, 0.8736,
-0.2000

■ 242.9260, -7.8515,
-1.6891

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



80.4210, 72.2634, 15.4168



77.0570, 37.9329, 106.9440

Triad

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



80.4210, 72.2634, 15.4168



79.8150, -39.3488, 67.6912



81.3330, 14.6258, -71.3290

Complementary

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



80.4210, 72.2634, 15.4168



189.5790, -72.2634, -15.4168

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.



67.8300, -29.4962, -59.4869



80.4210, 72.2634, 15.4168



81.4900, -40.1746, 5.7093

Square

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



80.4210, 72.2634, 15.4168



61.2950, -30.2184, 126.0293



63.9830, -31.5436, -56.1131



92.0830, 50.7381, -80.7568

Rectangle

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



80.4210, 72.2634, 15.4168



77.5500, 10.0819, 126.6826



63.9830, -31.5436, -56.1131



77.3260, 1.8113, -67.8149

Sweetspot

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



80.4210, 72.2634, 15.4168



206.3360, 23.9914, 4.9673



141.4600, 42.1712, -86.3494



98.5070, 14.5400, 3.0634



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.



80.4210, 72.2634, 15.4168



58.2840, 96.9810, 20.7989



107.0320, 59.1442, 70.1319



105.5640, 4.6519, 1.2594



36.2530, 70.3743, 14.6871



10.2990, 20.0656, 4.1228

Inverse Universe

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



112.7220, 29.2241, 100.2218



101.5750, 39.1565, 134.5537



162.9680, -59.1442, -70.1319



107.5000, 1.7255, 6.5775



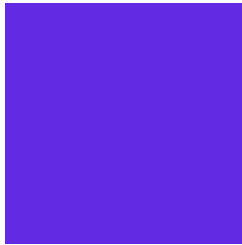
67.7710, 28.2139, 97.5478



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 80.4210, 72.2634, 15.4168 looks on a white background.

Color Contrast Check

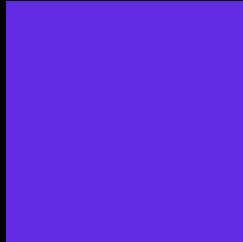
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.4210, 72.2634, 15.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

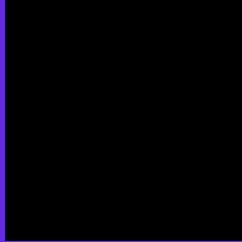
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4210, 72.2634, 15.4168

Background



This preview shows how black text looks on a background with the YUV color 80.4210, 72.2634, 15.4168.



This preview shows how white text looks on a background with the YUV color 80.4210, 72.2634,

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

80.4210, 72.2634, 15.4168

Protanopia

70.3010, 53.5886, -61.6540

Deuteranopia

70.8590, 40.4955, -62.1433



Tritanopia

82.4570, 10.1277, -28.4648

Trichromacy



Original Color

80.4210, 72.2634, 15.4168

Protanomaly

74.1980, 60.0484, -33.4996

Deuteranomaly

74.7220, 51.9021, -33.9592

Tritanomaly

81.5170, 32.7761, -12.7314

Monochromacy



Original Color

80.4210, 72.2634, 15.4168

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.5040, 25.8805, 5.6970

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4210, 72.2634, 15.4168 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(98, 43, 227)` looks like.

```
.text, #text, p{  
    color:rgb(98, 43, 227)  
}
```

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(98, 43, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 43, 227) }
```

Border

The CSS property to change the border of an element to YUV 80.4210, 72.2634, 15.4168 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(98, 43, 227) }
```


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

```
.border{ border-color:rgb(98, 43, 227) }
```

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

Here you see how a box with a 4 pixel rgb(98, 43, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 43, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 43, 227);  
box-shadow:4px 4px 4px 4px rgb(98, 43,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 80.4210, 72.2634, 15.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 43, 227) }
```

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

```
.background{ background-color: rgb(98, 43,  
227) }
```

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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