

Converting Colors

YUV(80.7800, 27.2235, -5.0691)

Have a look what the booklet for
YUV(80.7800, 27.2235, -5.0691)
contains.

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Color

**YUV(80.7800, 27.2235,
-5.0691)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4988
RGB	75, 73, 136
RGB Percent	29%, 29%, 53%
CMY	0.7059, 0.7137, 0.4667
CMYK	0.45, 0.46, 0.00, 0.47
HSL	242°, 30%, 41%
HSV	242°, 46%, 53%
XYZ	9.7281, 8.0385, 24.3314
YIQ	80.7800, -19.0310, 20.0170

Conversions

Conversions Part 2

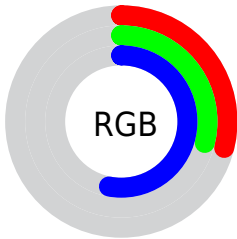
Format	Color
R_{YB}	75, 73, 136
Decimal	4934024
CIE _{Lab}	34.06, 18.10, -35.05
CIE _{LCh}	34, 39.446, 297.305
Yxy	8.0385, 0.2311, 0.1909
Android (android.graphics.Color)	4283124104 (0xFF4B4988)
YUV	80.7800, 27.2235, -5.0691
Hunter-Lab	28.3523, 11.6298, -31.0350

Details

The YUV color **80.7800, 27.2235, -5.0691** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **128.2200, -27.2235, 5.0691**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2470, 28.9652, -3.7246**, and **33.4050, 25.9293, -10.0022** is the 20% darker color. If you saturate the color by 10%, you get **68.6750, 33.1912, -5.8540**, and if you desaturate by 10%, it is **92.8850, 21.2557, -4.2841**.

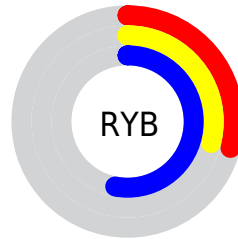
Distribution



Red (29%)

Green (29%)

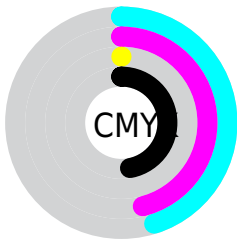
Blue (53%)



Red (29%)

Yellow (29%)

Blue (53%)

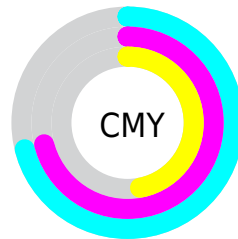


Cyan (45%)

Magenta (46%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (71%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7800, 27.2235, -5.0691 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 80.7800, 27.2235, -5.0691 by changing the saturation by 10% instead.

80.7800, 27.2235,
-5.0691

80.7800, 27.2235,
-5.0691

255.0000, 0.0000,
0.0000

56.5410, 26.3553,
-6.6135

131.2470, 28.9652,
-3.7246

33.4050, 25.9293,
-10.0022

157.1870, 29.9808,
-2.7950

10.5900, 25.3451,
-9.2874

184.6000, 30.2702,
-2.2802

6.2070, 16.1669,
-5.4435

209.8470, 22.2604,
0.1342

2.5250, 7.1362,
-2.2144

234.9540, 9.8827,
3.5483

0.0000, 0.0000,
0.0000

80.7800, 27.2235,
-5.0691

80.7800, 27.2235,
-5.0691

68.6750, 33.1912,
-5.8540

92.8850, 21.2557,
-4.2841

57.1570, 38.8696,
-7.1537

104.4030, 15.5773,
-2.9844

44.7530, 44.9848,
-8.5534

116.8070, 9.4621,
-1.5847

33.2350, 50.6631,
-9.8531

128.3250, 3.7838,
-0.2850

21.1300, 56.6309,
-10.6380

140.4300, -2.1840,
0.4999


16.7000, 58.8149,
-11.1379

152.5350, -8.1518,
1.2848

164.0530,
-13.8301, 2.5845

176.1580,

-19.7979, 3.3694

 187.9750,
-25.6237, 5.2839

Harmonies

Analogous

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



66.1970, 37.8639, -58.0548



80.7800, 27.2235, -5.0691



82.0140, 15.7691, 28.9287

Triad

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



80.7800, 27.2235, -5.0691



77.7110, -25.0005, 38.8415



64.4290, 5.7045, -56.5042

Complementary

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



80.7800, 27.2235, -5.0691



128.2200, -27.2235, 5.0691

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.



65.5980, -10.6478, -38.2354



80.7800, 27.2235, -5.0691



76.4130, -33.2346, 19.8088

Square

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



80.7800, 27.2235, -5.0691



78.1050, -12.3768, 49.8969



73.4530, -27.3383, -4.7823



68.0770, 19.6820, -59.7035

Rectangle

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



80.7800, 27.2235, -5.0691



80.2240, 7.2846, 43.6536



73.4530, -27.3383, -4.7823



62.5880, 1.1891, -54.8897

Sweetspot

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



80.7800, 27.2235, -5.0691



154.1490, 10.7725, -1.8847



116.5760, 9.5760, -38.2162



76.0090, 6.4046, -0.8849



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



80.7800, 27.2235, -5.0691



89.4820, 42.6534, -7.4387



90.0490, 22.6538, 13.9890



62.7980, 3.0576, -0.6998



16.3580, 57.5045, -10.8380



0.5700, 2.1840, -0.4999

Inverse Universe

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



98.7910, 17.3580, 32.6323



117.5450, 27.3393, 51.2650



118.9510, -22.6538, -13.9890



64.8910, 2.0257, 3.6036



54.3590, 36.3050, 68.9682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 80.7800, 27.2235, -5.0691 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 80.7800, 27.2235, -5.0691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

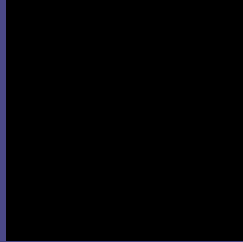
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7800, 27.2235, -5.0691

Background



This preview shows how black text looks on a background with the YUV color 80.7800, 27.2235, -5.0691.



This preview shows how white text looks on a background with the YUV color 80.7800, 27.2235,

-5.0691.

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

80.7800, 27.2235, -5.0691

Protanopia

77.1090, 31.4983, -22.8976

Deuteranopia

75.6800, 28.7518, -28.6604



Tritanopia

78.4050, 5.7163, -13.5102

Trichromacy



Original Color

80.7800, 27.2235, -5.0691

Protanomaly

78.3980, 29.8768, -16.1350

Deuteranomaly

77.6210, 28.2878, -19.8386

Tritanomaly

79.1910, 13.7098, -10.6915

Monochromacy



Original Color

80.7800, 27.2235, -5.0691

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9210, 9.8989, -1.6847

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7800, 27.2235, -5.0691 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(75, 73, 136)` looks like.

```
.text, #text, p{  
    color:rgb(75, 73, 136)  
}
```

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(75, 73, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 73, 136) }
```

Border

The CSS property to change the border of an element to YUV 80.7800, 27.2235, -5.0691 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(75, 73, 136) }
```


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

```
.border{ border-color:rgb(75, 73, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 73, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 73, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 73, 136);  
box-shadow:4px 4px 4px 4px rgb(75, 73,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 80.7800, 27.2235, -5.0691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 73, 136) }
```

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

```
.background{ background-color: rgb(75, 73,  
136) }
```

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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