

Converting Colors

YUV(52.7840, 31.6585, 65.9644)

Have a look what the booklet for
YUV(52.7840, 31.6585, 65.9644)
contains.

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Color

**YUV(52.7840, 31.6585,
65.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	800275
RGB	128, 2, 117
RGB Percent	50%, 1%, 46%
CMY	0.4980, 0.9922, 0.5412
CMYK	0.00, 0.98, 0.09, 0.50
HSL	305°, 97%, 25%
HSV	305°, 98%, 50%
XYZ	12.1347, 5.9170, 17.3321
YIQ	52.7840, 38.1810, 62.4770

Conversions

Conversions Part 2

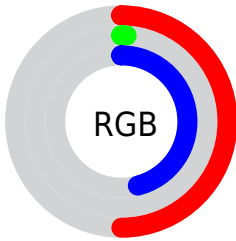
Format	Color
RYB	128, 2, 117
Decimal	8389237
CIELab	29.20, 56.93, -30.46
CIELCh	29, 64.566, 331.854
Yxy	5.9170, 0.3429, 0.1672
Android (android.graphics.Color)	4286579317 (0xFF800275)
YUV	52.7840, 31.6585, 65.9644
Hunter-Lab	24.3248, 46.4781, -25.2185

Details

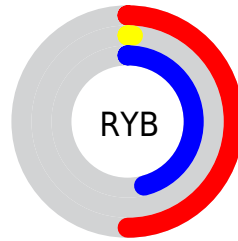
The YUV color **52.7840, 31.6585, 65.9644** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.2160, -31.6585, -65.9644**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6600, 26.2966, 59.0572**, and **29.8780, 18.7941, 38.6950** is the 20% darker color. If you saturate the color by 10%, you get **51.6100, 32.2373, 66.9940**, and if you desaturate by 10%, it is **60.5290, 28.3332, 59.1721**.

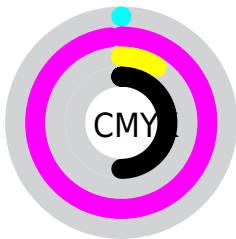
Distribution



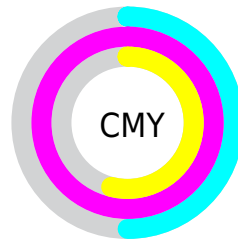
- Red (50%)
- Green (1%)
- Blue (46%)



- Red (50%)
- Yellow (1%)
- Blue (46%)



- Cyan (0%)
- Magenta (98%)
- Yellow (9%)
- Black (50%)





- Cyan (50%)
- Magenta (99%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.7840, 31.6585, 65.9644 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 52.7840, 31.6585, 65.9644 by changing the saturation by 10% instead.


 52.7840, 31.6585,
65.9644


 52.7840, 31.6585,
65.9644


255.0000, 0.0000,
0.0000


 40.6870, 25.2973,
52.8945

 116.6600, 26.2966,
59.0572


 29.8780, 18.7941,
38.6950

 144.8450, 25.7124,
59.7719


 20.4930, 12.5750,
26.7546

 172.8560, 25.7070,
61.5163

 6.6230, 8.5669,
5.5926


 196.1860, 28.5023,
51.5799


 0.0000, 0.0000,
0.0000


 212.7360, 20.8362,
37.0655


 229.7590, 12.4438,


22.1364


 246.7820, 4.0515,
7.2072


 52.7840, 31.6585,
65.9644


 52.7840, 31.6585,
65.9644


 51.6100, 32.2373,
66.9940

 60.5290, 28.3332,
59.1721

 68.2740, 25.0079,
52.3797

 75.4320, 21.9720,
46.1021

 83.1770, 18.6467,
39.3098

 91.0360, 15.7583,
32.4174

■ 98.7810, 12.4330,
25.6251

■ 106.5260, 9.1077,
18.8327

■ 113.6840, 6.0718,
12.5551

■ 121.4290, 2.7465,
5.7628

Harmonies

Analogous

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



66.7210, 43.5215, -5.8943



52.7840, 31.6585, 65.9644



52.9010, 7.4438, 86.0328

Triad

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



52.7840, 31.6585, 65.9644



64.7330, -31.9134, 16.0202



65.4500, 27.3861, -57.3997

Complementary

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



52.7840, 31.6585, 65.9644



77.2160, -31.6585, -65.9644

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.



59.7500, 5.5462, -52.4008



52.7840, 31.6585, 65.9644



55.3320, -27.2787, -23.9702

Square

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



52.7840, 31.6585, 65.9644



62.5940, -30.8588, 51.2221



52.0780, -18.7725, -45.6724



68.4940, 44.1265, -60.0692

Rectangle

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



52.7840, 31.6585, 65.9644



48.9540, -6.3863, 88.6173



52.0780, -18.7725, -45.6724



64.2130, 20.1080, -56.3148

Sweetspot

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



52.7840, 31.6585, 65.9644



136.0800, 12.2856, 26.2398



19.6530, 53.4151, -5.8347



66.1620, 7.8081, 15.6439



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



52.7840, 31.6585, 65.9644



66.8480, 41.4869, 86.9563



45.6020, 4.1402, 72.2630



59.7770, 1.5889, 3.7036



51.4960, 31.8005, 67.0940



0.0000, 0.0000, 0.0000

Inverse Universe

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



52.7840, 31.6585, 65.9644



66.8480, 41.4869, 86.9563



84.3980, -4.1402, -72.2630



59.7770, 1.5889, 3.7036



51.4960, 31.8005, 67.0940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 52.7840, 31.6585, 65.9644 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

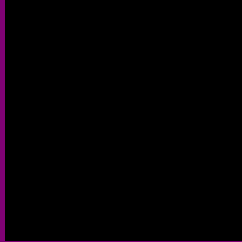
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.7840, 31.6585, 65.9644

Background



This preview shows how black text looks on a background with the YUV color 52.7840, 31.6585, 65.9644.



This preview shows how white text looks on a background with the YUV color 52.7840, 31.6585,

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

52.7840, 31.6585, 65.9644

Protanopia

57.2610, 44.2413, -50.2179

Deuteranopia

70.6510, 19.3991, -15.4799



Tritanopia

68.7670, -9.7451, 45.8083

Trichromacy



Original Color

52.7840, 31.6585, 65.9644

Protanomaly

55.9720, 39.4538, -7.8684

Deuteranomaly

64.3910, 23.9642, 13.6891

Tritanomaly

63.1220, 5.3629, 53.3900

Monochromacy



Original Color

52.7840, 31.6585, 65.9644

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.5420, 11.5648, 24.0807

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7840, 31.6585, 65.9644 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(128, 2, 117)` looks like.

```
.text, #text, p{  
    color:rgb(128, 2, 117)  
}
```

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(128, 2, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 2, 117) }
```

Border

The CSS property to change the border of an element to YUV 52.7840, 31.6585, 65.9644 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(128, 2, 117) }
```


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

```
.border{ border-color:rgb(128, 2, 117) }
```

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

Here you see how a box with a 4 pixel rgb(128, 2, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 2, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 2, 117);  
box-shadow:4px 4px 4px 4px rgb(128, 2,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 52.7840, 31.6585, 65.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 2, 117) }
```

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

```
.background{ background-color: rgb(128, 2,  
117) }
```

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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