

Converting Colors

YUV(45.8800, 29.1462, 31.6772)

Have a look what the booklet for
YUV(45.8800, 29.1462, 31.6772)
contains.

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Color

**YUV(45.8800, 29.1462,
31.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	521069
RGB	82, 16, 105
RGB Percent	32%, 6%, 41%
CMY	0.6784, 0.9373, 0.5882
CMYK	0.22, 0.85, 0.00, 0.59
HSL	284°, 74%, 24%
HSV	284°, 85%, 41%
XYZ	6.2148, 3.1843, 13.6517
YIQ	45.8800, 10.7670, 41.6710

Conversions

Conversions Part 2

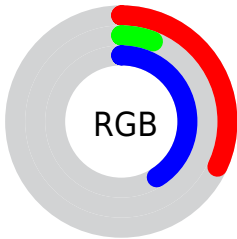
Format	Color
R_{YB}	82, 16, 105
Decimal	5378153
CIE _{Lab}	20.77, 42.95, -36.71
CIE _{LCh}	21, 56.502, 319.482
Yxy	3.1843, 0.2696, 0.1381
Android (android.graphics.Color)	4283568233 (0xFF521069)
YUV	45.8800, 29.1462, 31.6772
Hunter-Lab	17.8447, 30.9378, -32.8671




Details

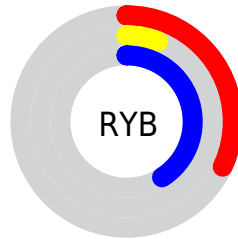
The YUV color **45.8800, 29.1462, 31.6772** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.1200, -29.1462, -31.6772**, and the grayscale version is **46.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **98.1790, 28.9988, 32.2920**, and **16.9630, 19.7382, 15.8184** is the 20% darker color. If you saturate the color by 10%, you get **39.1130, 32.4823, 34.9809**, and if you desaturate by 10%, it is **52.6470, 25.8100, 28.3736**.

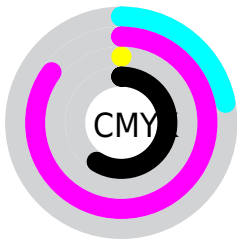
Distribution







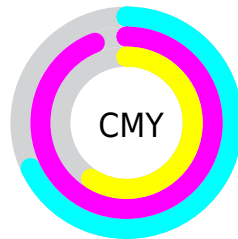
-  Red (32%)
-  Green (6%)
-  Blue (41%)






-  Red (32%)
-  Yellow (6%)
-  Blue (41%)



-  Cyan (22%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (68%)
-  Magenta (94%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.8800, 29.1462, 31.6772 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 45.8800, 29.1462, 31.6772 by changing the saturation by 10% instead.

45.8800, 29.1462,
31.6772

45.8800, 29.1462,
31.6772

255.0000, 0.0000,
0.0000

26.1630, 26.5416,
27.0440

98.1790, 28.9988,
32.2920

16.9630, 19.7382,
15.8184

124.5920, 29.2881,
32.8068

3.8760, 14.8511,
-3.3993

150.8310, 30.1563,
34.3512

1.0260, 3.9312,
-0.8998

178.3580, 30.8825,
34.7660


0.0000, 0.0000,
0.0000


204.7730, 24.7619,
37.9101


223.3020, 15.6271,

27.7991


 240.3250, 7.2348,
12.8700


 45.8800, 29.1462,
31.6772


 45.8800, 29.1462,
31.6772


 39.1130, 32.4823,
34.9809


 52.6470, 25.8100,
28.3736

 35.2920, 34.3660,
37.4549

 59.7020, 22.3319,
23.9403

 67.0560, 18.7064,
20.1219

 73.8230, 15.3703,
16.8182

 81.1770, 11.7447,
12.9998

■ 87.6450, 8.5560,
9.0813

■ 94.9990, 4.9305,
5.2629

■ 101.7660, 1.5944,
1.9592

■ 108.8210, -1.8838,
-2.4740

Harmonies

Analogous

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



41.8220, 43.4718, -36.6779



45.8800, 29.1462, 31.6772



41.3110, 12.1717, 62.8713

Triad

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



45.8800, 29.1462, 31.6772



47.6660, -23.4993, 23.9719



47.5200, 14.5336, -41.6750

Complementary

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



45.8800, 29.1462, 31.6772



75.1200, -29.1462, -31.6772

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.



41.9170, -4.3961, -36.7612



45.8800, 29.1462, 31.6772



43.9350, -21.6600, -6.0820

Square

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



45.8800, 29.1462, 31.6772



39.6020, -19.5238, 55.6000



36.3940, -17.9422, -31.9175



51.1510, 30.9846, -44.8594

Rectangle

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



45.8800, 29.1462, 31.6772



39.7280, -0.3589, 68.6445



36.3940, -17.9422, -31.9175



45.9240, 8.4185, -40.2753

Sweetspot

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



45.8800, 29.1462, 31.6772



114.7640, 11.4553, 12.4850



40.2340, 31.9296, -21.2532



55.1780, 6.8142, 7.7369



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



45.8800, 29.1462, 31.6772



46.2300, 45.2426, 48.9103



50.3630, 16.5830, 47.9166



49.8800, 2.0312, 1.8592



39.3510, 38.2810, 41.7882



82.3480, 80.1874, 87.3948

Inverse Universe

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



45.2330, -3.0729, 52.4157



45.3660, -4.6174, 81.2400



70.6370, -16.5830, -47.9166



50.0220, -0.0108, 3.4887



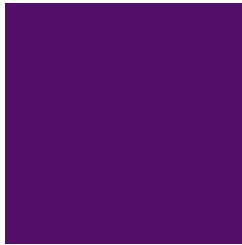
38.4030, -4.1427, 68.9296



80.4370, -8.5964, 144.3218

Previews

White Background



This preview shows how the YUV color 45.8800, 29.1462, 31.6772 looks on a white background.

Color Contrast Check

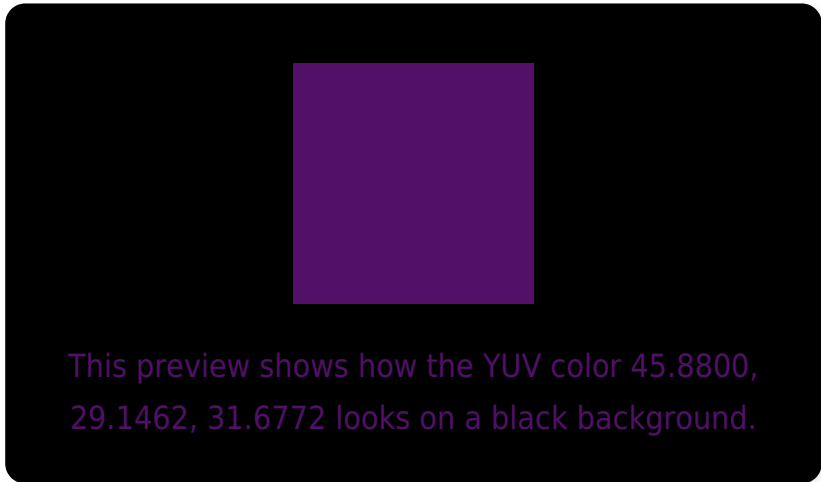
Large Text (above 18pt) WCAG AA ✓ Pass

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

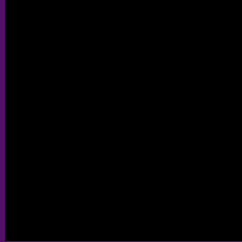
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.8800, 29.1462, 31.6772

Background



This preview shows how black text looks on a background with the YUV color 45.8800, 29.1462, 31.6772.



This preview shows how white text looks on a background with the YUV color 45.8800, 29.1462,

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

45.8800, 29.1462, 31.6772

Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

41.7130, 25.2845, -36.5823



Tritanopia

52.3120, -3.1118, 18.1434

Trichromacy



Original Color

45.8800, 29.1462, 31.6772

Protanomaly

43.3600, 30.8815, -11.7167

Deuteranomaly

43.5080, 26.3716, -11.8465

Tritanomaly

49.7330, 8.5126, 23.0362

Monochromacy



Original Color

45.8800, 29.1462, 31.6772

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.8240, 10.4398, 11.5554

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.8800, 29.1462, 31.6772 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(82, 16, 105)` looks like.

```
.text, #text, p{  
    color:rgb(82, 16, 105)  
}
```

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(82, 16, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 16, 105) }
```

Border

The CSS property to change the border of an element to YUV 45.8800, 29.1462, 31.6772 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(82, 16, 105) }
```


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

```
.border{ border-color:rgb(82, 16, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 16, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 16, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 16, 105);  
box-shadow:4px 4px 4px 4px rgb(82, 16,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 45.8800, 29.1462, 31.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 16, 105) }
```

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

```
.background{ background-color: rgb(82, 16,  
105) }
```

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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