

Converting Colors

YUV(60.7400, 28.2292, 45.8320)

Have a look what the booklet for
YUV(60.7400, 28.2292, 45.8320)
contains.

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Color

**YUV(60.7400, 28.2292,
45.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	711776
RGB	113, 23, 118
RGB Percent	44%, 9%, 46%
CMY	0.5569, 0.9098, 0.5373
CMYK	0.04, 0.81, 0.00, 0.54
HSL	297°, 67%, 28%
HSV	297°, 81%, 46%
XYZ	10.3865, 5.4315, 17.6405
YIQ	60.7400, 23.1450, 48.6250

Conversions

Conversions Part 2

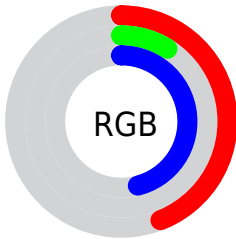
Format	Color
R_{YB}	113, 23, 118
Decimal	7411574
CIE _{Lab}	27.93, 49.69, -33.29
CIE _{LCh}	28, 59.810, 326.181
Yxy	5.4315, 0.3104, 0.1623
Android (android.graphics.Color)	4285601654 (0xFF711776)
YUV	60.7400, 28.2292, 45.8320
Hunter-Lab	23.3056, 38.7662, -28.5639

Details

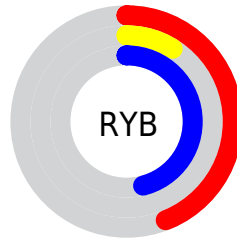
The YUV color **60.7400, 28.2292, 45.8320** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **80.2600, -28.2292, -45.8320**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0990, 27.0662, 45.5172**, and **26.1050, 21.1472, 30.6029** is the 20% darker color. If you saturate the color by 10%, you get **53.3970, 31.8493, 51.3948**, and if you desaturate by 10%, it is **68.0830, 24.6091, 40.2692**.

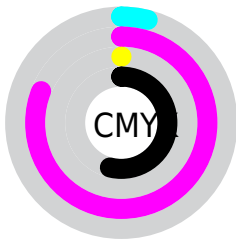
Distribution



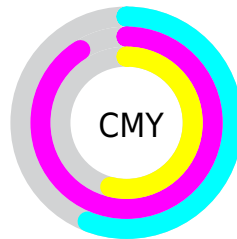
- Red (44%)
- Green (9%)
- Blue (46%)



- Red (44%)
- Yellow (9%)
- Blue (46%)



- Cyan (4%)
- Magenta (81%)
- Yellow (0%)
- Black (54%)



- Cyan (56%)
- Magenta (91%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.7400, 28.2292, 45.8320 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 60.7400, 28.2292, 45.8320 by changing the saturation by 10% instead.

60.7400, 28.2292,
45.8320

60.7400, 28.2292,
45.8320

255.0000, 0.0000,
0.0000

36.6150, 27.7978,
44.1876

116.0990, 27.0662,
45.5172

26.1050, 21.1472,
30.6029

142.8110, 27.2082,
46.6468

16.6060, 14.4912,
18.7625

170.5230, 27.3502,
47.7763

3.3230, 10.1938,
-2.9143

198.3490, 27.9289,
48.8059


0.0000, 0.0000,
0.0000


215.0840, 19.6786,
35.0063


231.5200, 11.5756,


20.5920

 248.5430, 3.1833,
5.6628


 60.7400, 28.2292,
45.8320


 60.7400, 28.2292,
45.8320


 53.3970, 31.8493,
51.3948


 68.0830, 24.6091,
40.2692

 46.9400, 35.0326,
57.0576

 75.1270, 21.1364,
34.0916

 81.8830, 17.8057,
29.0436

 88.9270, 14.3330,
22.8660

 96.2700, 10.7129,
17.3032

■ 103.6130, 7.0928,
11.7404

■ 110.6570, 3.6201,
5.5628

■ 117.4130, 0.2894,
0.5148

■ 124.7560, -3.3307,
-5.0480

Harmonies

Analogous

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



60.4370, 44.1546, -22.3082



60.7400, 28.2292, 45.8320



50.2960, 11.6861, 78.6704

Triad

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



60.7400, 28.2292, 45.8320



62.4070, -30.7667, 21.5681



61.3920, 21.9917, -53.8408

Complementary

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



60.7400, 28.2292, 45.8320



80.2600, -28.2292, -45.8320

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.



55.9200, 1.0254, -49.0418



60.7400, 28.2292, 45.8320



56.5830, -27.8954, -12.7893

Square

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



60.7400, 28.2292, 45.8320



58.7730, -28.9751, 53.6961



48.0030, -21.6935, -42.0986



64.4360, 38.7321, -56.5104

Rectangle

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



60.7400, 28.2292, 45.8320



47.7730, -1.8601, 83.5141



48.0030, -21.6935, -42.0986



59.5680, 15.0030, -52.2411

Sweetspot

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



60.7400, 28.2292, 45.8320



130.6830, 11.0023, 17.8180



37.3520, 39.7595, -12.5867



62.9010, 6.9508, 10.6108



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



60.7400, 28.2292, 45.8320



63.7320, 44.0091, 71.2720



57.5610, 9.5834, 53.0050



55.1790, 1.8838, 2.4740



48.5920, 36.1901, 59.1168



99.3630, 74.2640, 120.7076

Inverse Universe

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



51.9750, -11.8197, 57.9039



50.0500, -18.7587, 90.2871



83.4390, -9.5834, -53.0050



54.7940, -0.8844, 3.6887



37.1620, -15.3629, 74.4029



76.2320, -31.1734, 152.3945

Previews

White Background



This preview shows how the YUV color 60.7400, 28.2292, 45.8320 looks on a white background.

Color Contrast Check

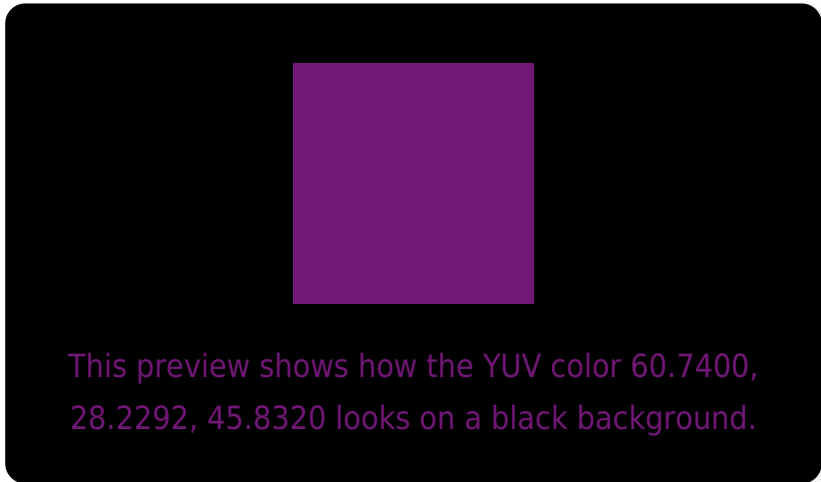
Large Text (above 18pt) WCAG AA ✓ Pass

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

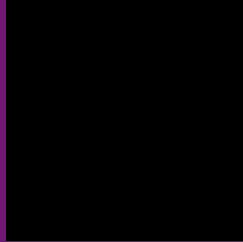
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.7400, 28.2292, 45.8320

Background



This preview shows how black text looks on a background with the YUV color 60.7400, 28.2292, 45.8320.



This preview shows how white text looks on a background with the YUV color 60.7400, 28.2292,

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

60.7400, 28.2292, 45.8320

Protanopia

53.8870, 41.4677, -47.2589

Deuteranopia

64.3450, 23.4939, -22.2276



Tritanopia

66.7870, -6.7970, 33.5128

Trichromacy



Original Color

60.7400, 28.2292, 45.8320

Protanomaly

56.5430, 36.7073, -13.6312

Deuteranomaly

63.2540, 25.0178, 2.4082

Tritanomaly

64.5500, 6.1379, 38.1057

Monochromacy



Original Color

60.7400, 28.2292, 45.8320

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.8570, 10.4235, 16.7884

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.7400, 28.2292, 45.8320 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(113, 23, 118)` looks like.

```
.text, #text, p{  
    color:rgb(113, 23, 118)  
}
```

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(113, 23, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 23, 118) }
```

Border

The CSS property to change the border of an element to YUV 60.7400, 28.2292, 45.8320 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(113, 23, 118) }
```


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

```
.border{ border-color:rgb(113, 23, 118) }
```

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

Here you see how a box with a 4 pixel rgb(113, 23, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 23, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 23, 118);  
box-shadow:4px 4px 4px 4px rgb(113, 23,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 60.7400, 28.2292, 45.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 23, 118) }
```

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

```
.background{ background-color: rgb(113, 23,  
118) }
```

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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