

Converting Colors

YUV(60.4620, 33.2962, 53.9688)

Have a look what the booklet for
YUV(60.4620, 33.2962, 53.9688)
contains.

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Color

**YUV(60.4620, 33.2962,
53.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	7A1080
RGB	122, 16, 128
RGB Percent	48%, 6%, 50%
CMY	0.5216, 0.9373, 0.4980
CMYK	0.05, 0.88, 0.00, 0.50
HSL	297°, 78%, 28%
HSV	297°, 88%, 50%
XYZ	12.1076, 6.0667, 20.9549
YIQ	60.4620, 27.2240, 57.3040

Conversions

Conversions Part 2

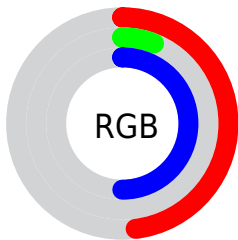
Format	Color
R_{YB}	122, 16, 128
Decimal	7999616
CIE _{Lab}	29.58, 55.11, -36.88
CIE _{LCh}	30, 66.318, 326.208
Yxy	6.0667, 0.3094, 0.1550
Android (android.graphics.Color)	4286189696 (0xFF7A1080)
YUV	60.4620, 33.2962, 53.9688
Hunter-Lab	24.6306, 44.6413, -33.2006




Details

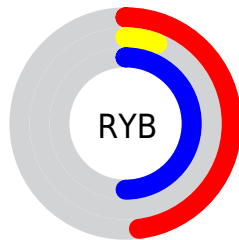
The YUV color **60.4620, 33.2962, 53.9688** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **83.5380, -33.2962, -53.9688**, and the grayscale version is **60.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.0550, 30.5389, 51.6948**, and **29.5230, 23.8992, 34.6213** is the 20% darker color. If you saturate the color by 10%, you get **52.5320, 37.2057, 60.0464**, and if you desaturate by 10%, it is **68.3920, 29.3867, 47.8912**.

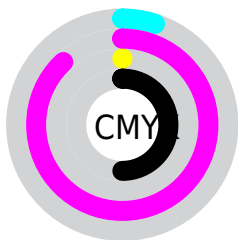
Distribution







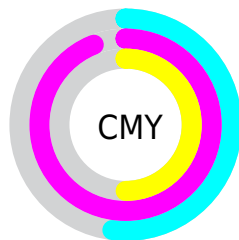
-  Red (48%)
-  Green (6%)
-  Blue (50%)






-  Red (48%)
-  Yellow (6%)
-  Blue (50%)



-  Cyan (5%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (52%)
-  Magenta (94%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.4620, 33.2962, 53.9688 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 60.4620, 33.2962, 53.9688 by changing the saturation by 10% instead.

60.4620, 33.2962,
53.9688

60.4620, 33.2962,
53.9688

255.0000, 0.0000,
0.0000

40.1470, 30.9865,
48.1061

119.0550, 30.5389,
51.6948

29.5230, 23.8992,
34.6213

146.4680, 30.8283,
52.2096

20.0240, 17.2432,
22.7810

174.5930, 31.2597,
53.8539

4.8440, 13.3879,
-0.7402

198.6480, 27.7815,
49.4207

0.4560, 1.7472,
-0.3999

215.0840, 19.6786,
35.0063

0.0000, 0.0000,
0.0000

231.5200, 11.5756,

20.5920

249.1300, 2.8939,
5.1480

60.4620, 33.2962,
53.9688

60.4620, 33.2962,
53.9688

52.5320, 37.2057,
60.0464

68.3920, 29.3867,
47.8912

50.7710, 38.0739,
61.5908

76.0230, 25.6247,
41.1988

83.3660, 22.0046,
35.6360

91.2960, 18.0951,
29.5584

98.9270, 14.3330,
22.8660

■ 106.8570, 10.4235,
16.7884

■ 114.7870, 6.5140,
10.7108

■ 121.8310, 3.0413,
4.5332

■ 129.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



61.7010, 50.4334, -29.5558



60.4620, 33.2962, 53.9688



54.4540, 12.1012, 85.5478

Triad

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



60.4620, 33.2962, 53.9688



66.2500, -32.6613, 22.5828



65.8260, 23.7498, -57.7294

Complementary

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



60.4620, 33.2962, 53.9688



83.5380, -33.2962, -53.9688

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.



59.1970, 0.8889, -51.9158



60.4620, 33.2962, 53.9688



59.2190, -29.1950, -15.9781

Square

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



60.4620, 33.2962, 53.9688



61.4640, -30.3018, 59.2291



50.4820, -24.8876, -44.2727



69.4400, 42.6741, -60.8989

Rectangle

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



60.4620, 33.2962, 53.9688



51.4750, -3.1922, 90.7914



50.4820, -24.8876, -44.2727



63.8880, 16.3242, -56.0298

Sweetspot

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



60.4620, 33.2962, 53.9688



139.8620, 12.8860, 20.2920



32.8770, 46.8956, -14.8011



68.4390, 7.6716, 12.7700



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.



60.4620, 33.2962, 53.9688



65.8670, 49.3656, 79.9236



56.6700, 11.0087, 62.5564



59.5920, 2.1731, 2.9888



50.7710, 38.0739, 61.5908



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.1720, -13.8888, 68.2552



50.6600, -20.5384, 101.1532



87.3300, -11.0087, -62.5564



59.2070, -0.5951, 4.2035



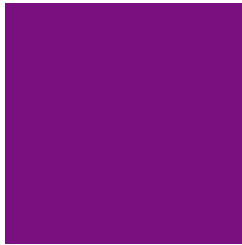
39.0700, -15.8105, 77.9916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 60.4620, 33.2962, 53.9688 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

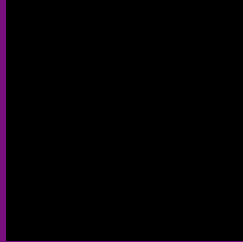
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.4620, 33.2962, 53.9688

Background



This preview shows how black text looks on a background with the YUV color 60.4620, 33.2962, 53.9688.



This preview shows how white text looks on a background with the YUV color 60.4620, 33.2962,

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

60.4620, 33.2962, 53.9688

Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

67.4200, 26.4149, -25.8013



Tritanopia

70.8800, -7.8288, 37.8162

Trichromacy



Original Color

60.4620, 33.2962, 53.9688

Protanomaly

58.3520, 39.7595, -12.5867

Deuteranomaly

65.2910, 28.9435, 3.2528

Tritanomaly

67.2240, 7.2846, 43.6536

Monochromacy



Original Color

60.4620, 33.2962, 53.9688

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.3350, 12.1598, 19.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.4620, 33.2962, 53.9688 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(122, 16, 128)` looks like.

```
.text, #text, p{  
    color:rgb(122, 16, 128)  
}
```

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(122, 16, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 16, 128) }
```

Border

The CSS property to change the border of an element to YUV 60.4620, 33.2962, 53.9688 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(122, 16, 128) }
```


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

```
.border{ border-color:rgb(122, 16, 128) }
```

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

Here you see how a box with a 4 pixel rgb(122, 16, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 16, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 16, 128);  
box-shadow:4px 4px 4px 4px rgb(122, 16,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 60.4620, 33.2962, 53.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 16, 128) }
```

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

```
.background{ background-color: rgb(122, 16,  
128) }
```

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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