

Converting Colors

YUV(53.8800, 32.5972, 44.8322)

Have a look what the booklet for
YUV(53.8800, 32.5972, 44.8322)
contains.

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Color

**YUV(53.8800, 32.5972,
44.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	690F78
RGB	105, 15, 120
RGB Percent	41%, 6%, 47%
CMY	0.5882, 0.9412, 0.5294
CMYK	0.13, 0.88, 0.00, 0.53
HSL	291°, 78%, 26%
HSV	291°, 88%, 47%
XYZ	9.3867, 4.7010, 18.1819
YIQ	53.8800, 19.9350, 51.7350

Conversions

Conversions Part 2

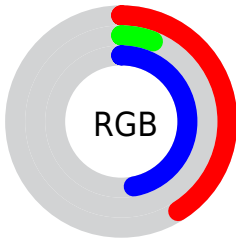
Format	Color
R_{YB}	105, 15, 120
Decimal	6885240
CIE _{Lab}	25.87, 50.66, -37.95
CIE _{LCh}	26, 63.301, 323.161
Yxy	4.7010, 0.2909, 0.1457
Android (android.graphics.Color)	4285075320 (0xFF690F78)
YUV	53.8800, 32.5972, 44.8322
Hunter-Lab	21.6817, 39.3351, -34.5424




Details

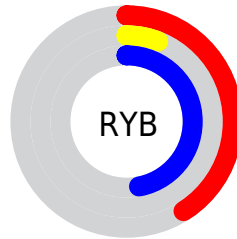
The YUV color **53.8800, 32.5972, 44.8322** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **81.1200, -32.5972, -44.8322**, and the grayscale version is **54.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **110.1140, 31.0028, 42.8730**, and **23.9410, 23.2001, 25.4847** is the 20% darker color. If you saturate the color by 10%, you get **46.2380, 36.3647, 49.7803**, and if you desaturate by 10%, it is **61.5220, 28.8297, 39.8842**.

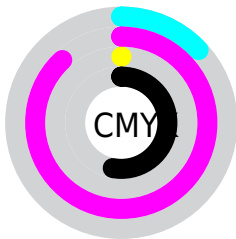
Distribution







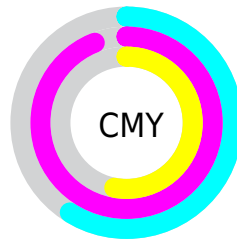
-  Red (41%)
-  Green (6%)
-  Blue (47%)






-  Red (41%)
-  Yellow (6%)
-  Blue (47%)



-  Cyan (13%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (59%)
-  Magenta (94%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8800, 32.5972, 44.8322 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 53.8800, 32.5972, 44.8322 by changing the saturation by 10% instead.

■ 53.8800, 32.5972,
44.8322

■ 53.8800, 32.5972,
44.8322

255.0000, 0.0000,
0.0000

■ 34.4510, 29.8507,
39.0695

■ 110.1140, 31.0028,
42.8730

■ 23.9410, 23.2001,
25.4847

■ 137.2390, 31.4342,
44.5174

■ 14.1430, 16.6915,
13.0296

■ 164.6520, 31.7236,
45.0322

■ 3.5510, 11.0674,
-3.1142


■ 192.4350, 30.8445,
46.9765


■ 0.0000, 0.0000,
0.0000


■ 211.5620, 21.4149,
38.0951


■ 227.9980, 13.3120,


23.6808


 245.0210, 4.9196,
8.7516


 53.8800, 32.5972,
44.8322


 53.8800, 32.5972,
44.8322


 46.2380, 36.3647,
49.7803


 61.5220, 28.8297,
39.8842

 44.4770, 37.2328,
51.3247

 68.8650, 25.2096,
34.3214

 76.5070, 21.4420,
29.3734

 84.1490, 17.6745,
24.4253

 91.7910, 13.9070,
19.4773

■ 99.1340, 10.2869,
13.9145

■ 106.7760, 6.5194,
8.9664

■ 114.4180, 2.7519,
4.0184

■ 121.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



49.0260, 50.7662, -42.9958



53.8800, 32.5972, 44.8322



49.3990, 12.1283, 76.8261

Triad

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



53.8800, 32.5972, 44.8322



58.2870, -28.7355, 23.4273



58.1320, 19.6549, -50.9818

Complementary

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



53.8800, 32.5972, 44.8322



81.1200, -32.5972, -44.8322

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.



51.8450, -1.8956, -45.4681



53.8800, 32.5972, 44.8322



52.7510, -26.0062, -12.0596

Square

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



53.8800, 32.5972, 44.8322



52.0170, -25.6444, 58.7441



44.6120, -21.9937, -39.1247



62.2190, 37.8530, -54.5661

Rectangle

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



53.8800, 32.5972, 44.8322



46.7620, -1.8547, 81.7697



44.6120, -21.9937, -39.1247



56.3080, 12.6662, -49.3821

Sweetspot

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



53.8800, 32.5972, 44.8322



130.1390, 12.7495, 17.4181



36.3620, 41.2335, -18.7345



64.0150, 7.3876, 10.5108



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



53.8800, 32.5972, 44.8322



57.5510, 48.5354, 66.1688



54.1470, 14.2245, 57.7531



57.1790, 1.8838, 2.4740



46.2430, 38.8272, 53.2839



93.3120, 78.2332, 107.5974

Inverse Universe

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



48.1050, -8.9258, 63.0519



49.1520, -13.3859, 93.7057



80.8530, -14.2245, -57.7531



56.9080, -0.4476, 3.5887



39.4270, -10.5635, 75.0475



79.4520, -21.4218, 151.3246

Previews

White Background



This preview shows how the YUV color 53.8800, 32.5972, 44.8322 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

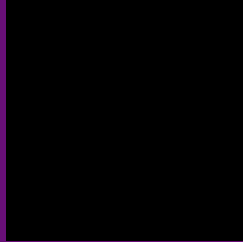
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.8800, 32.5972, 44.8322

Background



This preview shows how black text looks on a background with the YUV color 53.8800, 32.5972, 44.8322.



This preview shows how white text looks on a background with the YUV color 53.8800, 32.5972,

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

53.8800, 32.5972, 44.8322

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

54.9350, 28.6260, -35.0230



Tritanopia

62.8080, -5.3283, 29.1094

Trichromacy



Original Color

53.8800, 32.5972, 44.8322

Protanomaly

51.5540, 36.7019, -11.8869

Deuteranomaly

54.5780, 30.2810, -5.7689

Tritanomaly

59.5110, 8.6221, 34.6319

Monochromacy



Original Color

53.8800, 32.5972, 44.8322

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1990, 11.7339, 16.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8800, 32.5972, 44.8322 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(105, 15, 120)` looks like.

```
.text, #text, p{  
    color:rgb(105, 15, 120)  
}
```

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(105, 15, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 15, 120) }
```

Border

The CSS property to change the border of an element to YUV 53.8800, 32.5972, 44.8322 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(105, 15, 120) }
```


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

```
.border{ border-color:rgb(105, 15, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 15, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 15, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 15, 120);  
box-shadow:4px 4px 4px 4px rgb(105, 15,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 53.8800, 32.5972, 44.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 15, 120) }
```

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

```
.background{ background-color: rgb(105, 15,  
120) }
```

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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