

Converting Colors

YUV(55.7360, 44.5002, 53.7285)

Have a look what the booklet for
YUV(55.7360, 44.5002, 53.7285)
contains.

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Color

**YUV(55.7360, 44.5002,
53.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	750792
RGB	117, 7, 146
RGB Percent	46%, 3%, 57%
CMY	0.5412, 0.9725, 0.4275
CMYK	0.20, 0.95, 0.00, 0.43
HSL	287°, 91%, 30%
HSV	287°, 95%, 57%
XYZ	12.6004, 6.0092, 27.6899
YIQ	55.7360, 20.9410, 66.5490

Conversions

Conversions Part 2

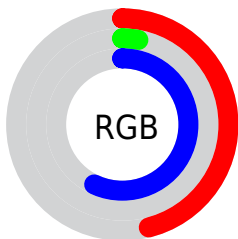
Format	Color
RYB	117, 7, 146
Decimal	7669650
CIELab	29.44, 59.10, -48.37
CIElCh	29, 76.377, 320.701
Yxy	6.0092, 0.2721, 0.1298
Android (android.graphics.Color)	4285859730 (0xFF750792)
YUV	55.7360, 44.5002, 53.7285
Hunter-Lab	24.5136, 48.8530, -49.8127

Details

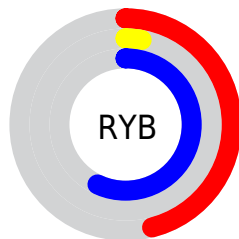
The YUV color **55.7360, 44.5002, 53.7285** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **97.2640, -44.5002, -53.7285**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0790, 40.8801, 48.1657**, and **29.5530, 31.7724, 29.3330** is the 20% darker color. If you saturate the color by 10%, you get **51.3280, 46.6733, 56.7173**, and if you desaturate by 10%, it is **65.4380, 39.7171, 47.8509**.

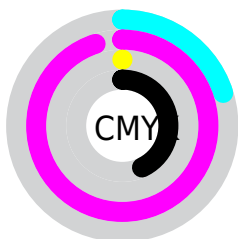
Distribution



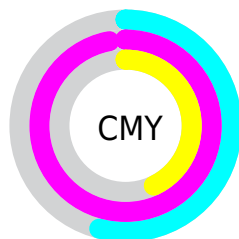
- Red (46%)
- Green (3%)
- Blue (57%)



- Red (46%)
- Yellow (3%)
- Blue (57%)



- Cyan (20%)
- Magenta (95%)
- Yellow (0%)
- Black (43%)



- Cyan (54%)
- Magenta (97%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7360, 44.5002, 53.7285 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 55.7360, 44.5002, 53.7285 by changing the saturation by 10% instead.

■ 55.7360, 44.5002,
53.7285

■ 55.7360, 44.5002,
53.7285

■ 255.0000, 0.0000,
0.0000

■ 40.5900, 39.1491,
43.3326

■ 118.0790, 40.8801,
48.1657

■ 29.5530, 31.7724,
29.3330

■ 145.7910, 41.0220,
49.2953

■ 19.6410, 24.8270,
16.9778

■ 173.2750, 40.2904,
50.6248

■ 5.3580, 20.5295,
-4.6990

■ 196.8870, 28.6497,
50.9651

■ 3.4370, 10.6306,
-3.0142


■ 213.3230, 20.5468,
36.5507


■ 0.0000, 0.0000,
0.0000


■ 230.3460, 12.1544,


21.6216


 247.3690, 3.7621,
6.6924


 55.7360, 44.5002,
53.7285


 55.7360, 44.5002,
53.7285


 51.3280, 46.6733,
56.7173

 65.4380, 39.7171,
47.8509

 74.5530, 35.2234,
42.4880

 84.2550, 30.4403,
36.6104

 93.3700, 25.9466,
31.2475

 103.0720, 21.1635,
25.3699

■ 112.7740, 16.3804,
19.4922

■ 121.8890, 11.8867,
14.1293

■ 131.5910, 7.1036,
8.2517

■ 140.7060, 2.6099,
2.8888

Harmonies

Analogous

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



57.8430, 61.7024, -50.7283



55.7360, 44.5002, 53.7285



57.9150, 16.3109, 88.6515

Triad

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



55.7360, 44.5002, 53.7285



66.0060, -32.5410, 30.6897



65.9570, 21.7132, -57.8443

Complementary

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



55.7360, 44.5002, 53.7285



97.2640, -44.5002, -53.7285

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.



58.3020, -5.0789, -51.1309



55.7360, 44.5002, 53.7285



59.8280, -29.4952, -13.0042

Square

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



55.7360, 44.5002, 53.7285



52.1380, -25.7040, 77.9320



50.4820, -24.8876, -44.2727



71.8850, 44.4267, -63.0431

Rectangle

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



55.7360, 44.5002, 53.7285



55.5620, -1.7561, 96.8541



50.4820, -24.8876, -44.2727



63.6770, 12.9772, -55.8447

Sweetspot

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



55.7360, 44.5002, 53.7285



153.1270, 17.6854, 20.9366



40.4560, 52.0332, -29.3409



72.5360, 10.5818, 12.6849



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



55.7360, 44.5002, 53.7285



66.0970, 60.5912, 72.7059



59.9610, 23.1902, 75.4562



69.2930, 2.3206, 2.3740



48.3230, 44.2108, 53.2137



3.5320, 3.1887, 3.9184

Inverse Universe

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



51.8670, -7.8224, 82.5546



60.9570, -10.8248, 112.2937



93.0390, -23.1902, -75.4562



69.2070, -0.5951, 4.2035



44.5680, -7.6750, 81.9399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 55.7360, 44.5002, 53.7285 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

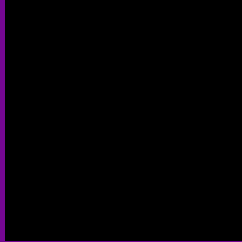
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.7360, 44.5002, 53.7285

Background



This preview shows how black text looks on a background with the YUV color 55.7360, 44.5002, 53.7285.



This preview shows how white text looks on a background with the YUV color 55.7360, 44.5002,

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

55.7360, 44.5002, 53.7285

Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.4430, 34.7846, -50.3775



Tritanopia

71.9220, -4.8915, 29.0094

Trichromacy



Original Color

55.7360, 44.5002, 53.7285

Protanomaly

56.5030, 44.1220, -11.8421

Deuteranomaly

57.0100, 38.4491, -12.2868

Tritanomaly

66.0860, 13.2686, 37.6356

Monochromacy



Original Color

55.7360, 44.5002, 53.7285

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7740, 16.3804, 19.4922

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7360, 44.5002, 53.7285 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(117, 7, 146)` looks like.

```
.text, #text, p{  
    color:rgb(117, 7, 146)  
}
```

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(117, 7, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 7, 146) }
```

Border

The CSS property to change the border of an element to YUV 55.7360, 44.5002, 53.7285 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(117, 7, 146) }
```


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

```
.border{ border-color:rgb(117, 7, 146) }
```

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

Here you see how a box with a 4 pixel rgb(117, 7, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 7, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 7, 146);  
box-shadow:4px 4px 4px 4px rgb(117, 7,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 55.7360, 44.5002, 53.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 7, 146) }
```

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

```
.background{ background-color: rgb(117, 7,  
146) }
```

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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