

Converting Colors

YUV(95.7380, 27.7372, 16.8928)

Have a look what the booklet for
YUV(95.7380, 27.7372, 16.8928)
contains.

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Color

**YUV(95.7380, 27.7372,
16.8928)**

Conversions

Conversions Part 1

Format	Color
Hex	734B98
RGB	115, 75, 152
RGB Percent	45%, 29%, 60%
CMY	0.5490, 0.7059, 0.4039
CMYK	0.24, 0.51, 0.00, 0.40
HSL	271°, 34%, 45%
HSV	271°, 51%, 60%
XYZ	15.2538, 10.9440, 31.0142
YIQ	95.7380, -0.8770, 32.4270

Conversions

Conversions Part 2

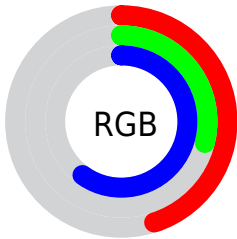
Format	Color
R_{YB}	115, 75, 152
Decimal	7555992
CIE _{Lab}	39.49, 32.55, -35.93
CIE _{LCh}	39, 48.481, 312.180
Yxy	10.9440, 0.2666, 0.1913
Android (android.graphics.Color)	4285746072 (0xFF734B98)
YUV	95.7380, 27.7372, 16.8928
Hunter-Lab	33.0817, 24.4125, -32.4274

Details

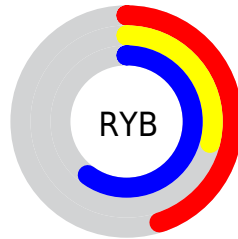
The YUV color **95.7380, 27.7372, 16.8928** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **131.2620, -27.7372, -16.8928**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5040, 29.3315, 18.8520**, and **46.9720, 26.1428, 14.9336** is the 20% darker color. If you saturate the color by 10%, you get **84.8400, 33.1099, 20.3113**, and if you desaturate by 10%, it is **106.6360, 22.3645, 13.4742**.

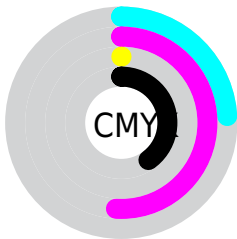
Distribution



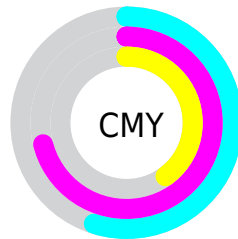
- Red (45%)
- Green (29%)
- Blue (60%)



- Red (45%)
- Yellow (29%)
- Blue (60%)



- Cyan (24%)
- Magenta (51%)
- Yellow (0%)
- Black (40%)



- Cyan (55%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7380, 27.7372, 16.8928 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 95.7380, 27.7372, 16.8928 by changing the saturation by 10% instead.

95.7380, 27.7372,
16.8928

95.7380, 27.7372,
16.8928

255.0000, 0.0000,
0.0000

70.9120, 27.1584,
15.8632

147.5040, 29.3315,
18.8520

46.9720, 26.1428,
14.9336

174.3300, 29.9103,
19.8816

23.2600, 26.0008,
13.8040

200.8310, 26.7053,
21.1962

12.3210, 20.0547,
7.6115

225.9380, 14.3276,
24.6104

4.7080, 12.9620,
-4.1289

242.6730, 6.0772,
10.8108

0.1140, 0.4368,
-0.1000

0.0000, 0.0000,

0.0000

■ 95.7380, 27.7372,
16.8928

■ 95.7380, 27.7372,
16.8928

■ 84.8400, 33.1099,
20.3113

■ 106.6360, 22.3645,
13.4742

■ 73.6430, 38.6300,
23.1151

■ 117.8330, 16.8443,
10.6705

■ 62.1580, 44.2921,
27.0484

■ 129.3180, 11.1822,
6.7371

■ 51.2600, 49.6648,
30.4670

■ 140.2160, 5.8095,
3.3186

■ 40.9490, 54.7481,
33.3707

■ 151.4130, 0.2894,
0.5148

■ 162.3110, -5.0833,
-2.9037

■ 173.2090,
-10.4560, -6.3223

■ 184.6940,
-16.1181, -10.2556

■ 195.8910,
-21.6383, -13.0594

Harmonies

Analogous

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



83.3650, 43.2041, -44.1701



95.7380, 27.7372, 16.8928



92.9460, 12.3516, 51.7904

Triad

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



95.7380, 27.7372, 16.8928



88.1010, -39.9828, 37.6224



77.5830, 15.4886, -68.0403

Complementary

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



95.7380, 27.7372, 16.8928



131.2620, -27.7372, -16.8928

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.



72.2080, -2.5675, -63.3264



95.7380, 27.7372, 16.8928



85.3550, -42.0800, 10.2127

Square

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



95.7380, 27.7372, 16.8928



89.1740, -23.7498, 57.7294



80.4890, -25.3841, -24.9849



81.1000, 31.5027, -71.1247

Rectangle

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



95.7380, 27.7372, 16.8928



89.4500, 1.2572, 63.6264



80.4890, -25.3841, -24.9849



75.9870, 9.3734, -66.6406

Sweetspot

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



95.7380, 27.7372, 16.8928



174.7910, 10.4560, 6.3223



105.4970, 22.9260, -26.7459



86.6290, 6.0989, 3.8334



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



95.7380, 27.7372, 16.8928



109.1040, 42.8397, 26.2188



106.6870, 21.8463, 39.7395



71.1080, 2.9048, 1.6593



37.7870, 50.3910, 30.8818



3.5750, 4.6465, 3.0037

Inverse Universe

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



102.2410, 4.8112, 43.6386



119.0790, 7.3561, 67.4597



120.3130, -21.8463, -39.7395



71.8480, 0.5679, 4.5183



49.4980, 8.6285, 79.3703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 95.7380, 27.7372, 16.8928 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 × Fail

Black Background



This preview shows how the YUV color 95.7380, 27.7372, 16.8928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

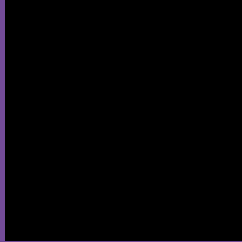
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7380, 27.7372, 16.8928

Background



This preview shows how black text looks on a background with the YUV color 95.7380, 27.7372, 16.8928.



This preview shows how white text looks on a background with the YUV color 95.7380, 27.7372,

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

95.7380, 27.7372, 16.8928

Protanopia

89.4980, 38.2085, -28.5007

Deuteranopia

90.0010, 28.5935, -24.5569



Tritanopia

94.5820, 0.6991, 9.1366

Trichromacy



Original Color

95.7380, 27.7372, 16.8928

Protanomaly

91.6850, 34.6653, -12.0017

Deuteranomaly

91.6870, 28.2553, -9.3725

Tritanomaly

95.1230, 10.2924, 12.1701

Monochromacy



Original Color

95.7380, 27.7372, 16.8928

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.6770, 10.0192, 6.4223

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7380, 27.7372, 16.8928 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(115, 75, 152)` looks like.

```
.text, #text, p{  
    color:rgb(115, 75, 152)  
}
```

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(115, 75, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 75, 152) }
```

Border

The CSS property to change the border of an element to YUV 95.7380, 27.7372, 16.8928 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(115, 75, 152) }
```


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

```
.border{ border-color:rgb(115, 75, 152) }
```

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

Here you see how a box with a 4 pixel rgb(115, 75, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 75, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 75, 152);  
box-shadow:4px 4px 4px 4px rgb(115, 75,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 95.7380, 27.7372, 16.8928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 75, 152) }
```

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

```
.background{ background-color: rgb(115, 75,  
152) }
```

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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