

Converting Colors

YUV(95.6770, 16.9212, 32.7323)

Have a look what the booklet for
YUV(95.6770, 16.9212, 32.7323)
contains.

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Color

**YUV(95.6770, 16.9212,
32.7323)**

Conversions

Conversions Part 1

Format	Color
Hex	854682
RGB	133, 70, 130
RGB Percent	52%, 27%, 51%
CMY	0.4784, 0.7255, 0.4902
CMYK	0.00, 0.47, 0.02, 0.48
HSL	303°, 31%, 40%
HSV	303°, 47%, 52%
XYZ	15.8923, 10.9786, 22.4006
YIQ	95.6770, 18.2880, 32.0160

Conversions

Conversions Part 2

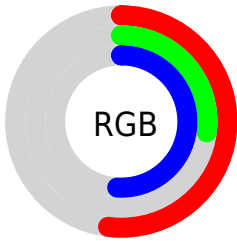
Format	Color
R_{YB}	133, 70, 130
Decimal	8734338
CIE _{Lab}	39.54, 36.04, -22.30
CIE _{LCh}	40, 42.383, 328.252
Yxy	10.9786, 0.3225, 0.2228
Android (android.graphics.Color)	4286924418 (0xFF854682)
YUV	95.6770, 16.9212, 32.7323
Hunter-Lab	33.1339, 27.6310, -16.8899

Details

The YUV color **95.6770, 16.9212, 32.7323** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.3230, -16.9212, -32.7323**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1010, 17.2052, 34.9914**, and **45.6660, 16.9267, 30.9879** is the 20% darker color. If you saturate the color by 10%, you get **87.9320, 20.2465, 39.5246**, and if you desaturate by 10%, it is **103.4220, 13.5960, 25.9399**.

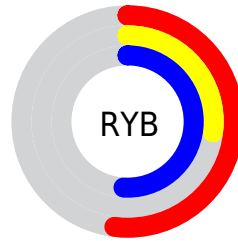
Distribution



Red (52%)

Green (27%)

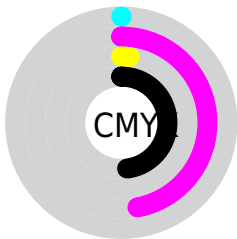
Blue (51%)



Red (52%)

Yellow (27%)

Blue (51%)

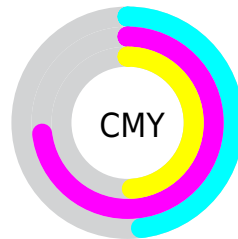


Cyan (0%)

Magenta (47%)

Yellow (2%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6770, 16.9212, 32.7323 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 95.6770, 16.9212, 32.7323 by changing the saturation by 10% instead.

95.6770, 16.9212,
32.7323

95.6770, 16.9212,
32.7323

255.0000, 0.0000,
0.0000

70.9650, 16.7793,
31.6027

148.1010, 17.2052,
34.9914

45.6660, 16.9267,
30.9879

174.9270, 17.7840,
36.0210

23.5410, 16.4953,
29.3435

202.6390, 17.9260,
37.1506

15.1670, 10.2707,
19.1475

223.8890, 15.3377,
27.2843

1.1400, 4.3680,
-0.9998

240.3250, 7.2348,
12.8700

0.0000, 0.0000,
0.0000

95.6770, 16.9212,
32.7323

95.6770, 16.9212,
32.7323

87.9320, 20.2465,
39.5246

103.4220, 13.5960,
25.9399

79.7140, 24.2980,
46.7318

111.6400, 9.5445,
18.7327

71.9690, 27.6233,
53.5242

119.3850, 6.2192,
11.9404

64.2240, 30.9486,
60.3166

127.1300, 2.8939,
5.1480

56.5930, 34.7107,
67.0089

135.3480, -1.1576,
-2.0592


54.2450, 35.8682,
69.0681

143.0930, -4.4828,
-8.8516

150.7240, -8.2449,
-15.5439

158.4690,

-11.5702, -22.3363

 166.8010,
-15.1849, -29.6435

Harmonies

Analogous

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



94.3610, 29.4020, -3.8246



95.6770, 16.9212, 32.7323



92.6120, 2.1633, 52.9603

Triad

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



95.6770, 16.9212, 32.7323



89.1420, -35.5660, 20.9235



78.2330, 23.0561, -68.6103

Complementary

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



95.6770, 16.9212, 32.7323



107.3230, -16.9212, -32.7323

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.



74.2430, 7.7682, -65.1111



95.6770, 16.9212, 32.7323



85.9860, -29.0801, -6.1267

Square

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



95.6770, 16.9212, 32.7323



90.6360, -27.9215, 42.4152



77.4510, -11.0683, -43.3685



79.4360, 35.2811, -69.6654

Rectangle

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



95.6770, 16.9212, 32.7323



91.4740, -8.6147, 56.5893



77.4510, -11.0683, -43.3685



77.5660, 17.9620, -68.0254

Sweetspot

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



95.6770, 16.9212, 32.7323



158.7980, 6.5086, 12.4552



77.7800, 27.2235, -5.0691



78.0810, 3.9041, 7.8220



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



95.6770, 16.9212, 32.7323



115.0180, 26.6131, 50.8502



92.1430, 3.3805, 35.8316



62.4780, 1.7363, 3.0888



53.0060, 35.0000, 67.5237



1.1250, 0.4314, 1.6444

Inverse Universe

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



95.6770, 16.9212, 32.7323



115.0180, 26.6131, 50.8502



110.8570, -3.3805, -35.8316



62.4780, 1.7363, 3.0888



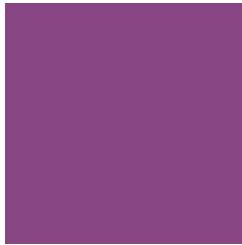
53.0060, 35.0000, 67.5237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 95.6770, 16.9212, 32.7323 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 95.6770, 16.9212, 32.7323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

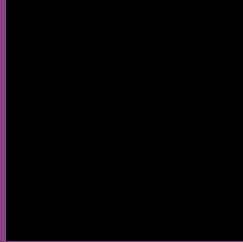
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6770, 16.9212, 32.7323

Background



This preview shows how black text looks on a background with the YUV color 95.6770, 16.9212, 32.7323.



This preview shows how white text looks on a background with the YUV color 95.6770, 16.9212,

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

95.6770, 16.9212, 32.7323

Protanopia

92.7030, 27.2614, -17.2795

Deuteranopia

93.7830, 15.8830, -7.7027



Tritanopia

95.0360, -4.4547, 28.9094

Trichromacy



Original Color

95.6770, 16.9212, 32.7323

Protanomaly

93.7870, 23.2760, 1.0638

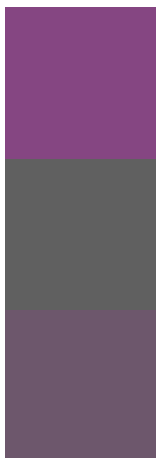
Deuteranomaly

94.2840, 16.1290, 6.7669

Tritanomaly

95.1100, 3.3968, 30.5985

Monochromacy



Original Color

95.6770, 16.9212, 32.7323

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6770, 16.9212, 32.7323 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(133, 70, 130)` looks like.

```
.text, #text, p{  
    color:rgb(133, 70, 130)  
}
```

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(133, 70, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 70, 130) }
```

Border

The CSS property to change the border of an element to YUV 95.6770, 16.9212, 32.7323 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(133, 70, 130) }
```


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

```
.border{ border-color:rgb(133, 70, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 70, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 70, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 70, 130);  
box-shadow:4px 4px 4px 4px rgb(133, 70,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 95.6770, 16.9212, 32.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 70, 130) }
```

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

```
.background{ background-color: rgb(133, 70,  
130) }
```

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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