

Converting Colors

YUV(95.7850, 19.8260, 34.3916)

Have a look what the booklet for
YUV(95.7850, 19.8260, 34.3916)
contains.

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Color

**YUV(95.7850, 19.8260,
34.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	874488
RGB	135, 68, 136
RGB Percent	53%, 27%, 53%
CMY	0.4706, 0.7333, 0.4667
CMYK	0.01, 0.50, 0.00, 0.47
HSL	299°, 33%, 40%
HSV	299°, 50%, 53%
XYZ	16.5027, 11.0627, 24.5581
YIQ	95.7850, 18.1040, 35.3520

Conversions

Conversions Part 2

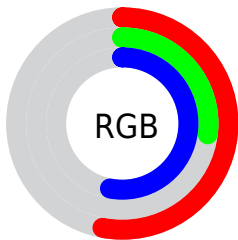
Format	Color
R_{YB}	135, 68, 136
Decimal	8864904
CIE _{Lab}	39.69, 38.91, -25.73
CIE _{LCh}	40, 46.652, 326.525
Yxy	11.0627, 0.3166, 0.2122
Android (android.graphics.Color)	4287054984 (0xFF874488)
YUV	95.7850, 19.8260, 34.3916
Hunter-Lab	33.2607, 30.3591, -20.4944

Details

The YUV color **95.7850, 19.8260, 34.3916** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **108.2150, -19.8260, -34.3916**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3230, 20.5468, 36.5507**, and **44.6000, 20.4102, 33.6768** is the 20% darker color. If you saturate the color by 10%, you get **87.5670, 23.8775, 41.5987**, and if you desaturate by 10%, it is **104.0030, 15.7745, 27.1844**.

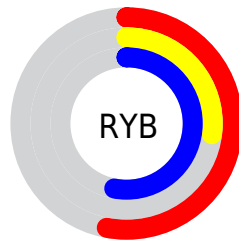
Distribution



Red (53%)

Green (27%)

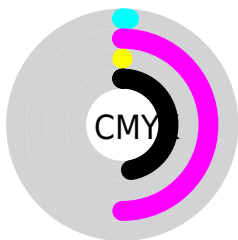
Blue (53%)



Red (53%)

Yellow (27%)

Blue (53%)

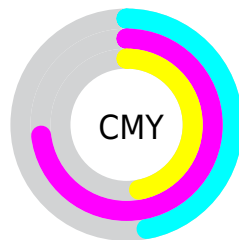


Cyan (1%)

Magenta (50%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7850, 19.8260, 34.3916 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 95.7850, 19.8260, 34.3916 by changing the saturation by 10% instead.

95.7850, 19.8260,
34.3916

95.7850, 19.8260,
34.3916

255.0000, 0.0000,
0.0000

70.3720, 19.5366,
33.8768

148.3230, 20.5468,
36.5507

44.6000, 20.4102,
33.6768

175.1490, 21.1255,
37.5803

24.4100, 18.5319,
29.4584

202.8610, 21.2675,
38.7099

15.9220, 11.8705,
19.3624

222.7150, 15.9165,
28.3139

2.6390, 7.5730,
-2.3144

239.7380, 7.5242,
13.3848

0.0000, 0.0000,
0.0000

95.7850, 19.8260,
34.3916

95.7850, 19.8260,
34.3916

87.5670, 23.8775,
41.5987

104.0030, 15.7745,
27.1844

79.9360, 27.6396,
48.2911

111.6340, 12.0124,
20.4920

71.4190, 31.8384,
54.8835

120.1510, 7.8136,
13.8996

63.7880, 35.6005,
61.5759

127.7820, 4.0515,
7.2072

55.5700, 39.6520,
68.7831


136.0000, 0.0000,
0.0000

144.2180, -4.0515,
-7.2072

151.8490, -7.8136,
-13.8996

160.3660,

-12.0124, -20.4920

 167.9970,
-15.7745, -27.1844

Harmonies

Analogous

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



93.7780, 33.6334, -7.6983



95.7850, 19.8260, 34.3916



91.8130, 4.0362, 58.9230

Triad

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



95.7850, 19.8260, 34.3916



87.8560, -41.8340, 24.6823



79.5210, 22.9141, -69.7399

Complementary

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



95.7850, 19.8260, 34.3916



108.2150, -19.8260, -34.3916

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.



75.1890, 6.3158, -65.9408



95.7850, 19.8260, 34.3916



84.6180, -34.3217, -4.9270

Square

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



95.7850, 19.8260, 34.3916



90.3870, -30.2638, 47.0186



74.9620, -12.7993, -48.2017



81.2940, 37.3231, -71.2948

Rectangle

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



95.7850, 19.8260, 34.3916



90.3330, -8.0522, 62.8520



74.9620, -12.7993, -48.2017



78.1530, 17.6726, -68.5402

Sweetspot

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



95.7850, 19.8260, 34.3916



160.7380, 7.5242, 13.3848



76.3390, 29.4129, -7.3133



79.6080, 4.6303, 8.2368



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



95.7850, 19.8260, 34.3916



113.1800, 30.9703, 53.3391



92.3220, 5.2643, 38.3056



64.8910, 2.0257, 3.6036



54.3310, 38.7838, 67.2387



2.0650, 1.4470, 2.5740

Inverse Universe

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



88.4460, -9.5869, 41.7049



101.9220, -14.7515, 64.9664



111.6780, -5.2643, -38.3056



64.0930, -1.0318, 4.3034



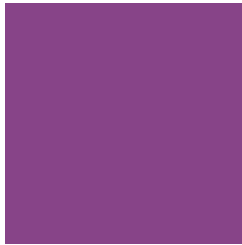
39.9950, -18.7315, 81.5654



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 95.7850, 19.8260, 34.3916 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 95.7850, 19.8260, 34.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

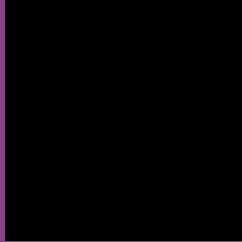
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7850, 19.8260, 34.3916

Background



This preview shows how black text looks on a background with the YUV color 95.7850, 19.8260, 34.3916.



This preview shows how white text looks on a background with the YUV color 95.7850, 19.8260,

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

95.7850, 19.8260, 34.3916

Protanopia

92.1200, 31.4928, -21.1532

Deuteranopia

93.8580, 18.8040, -11.2765



Tritanopia

95.3350, -4.6022, 29.5242

Trichromacy



Original Color

95.7850, 19.8260, 34.3916

Protanomaly

93.2150, 27.5020, -1.0656

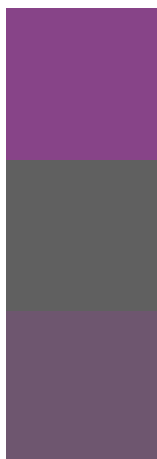
Deuteranomaly

94.6690, 18.8972, 5.5523

Tritanomaly

95.6370, 4.1230, 31.0134

Monochromacy



Original Color

95.7850, 19.8260, 34.3916

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0260, 7.3822, 12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7850, 19.8260, 34.3916 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(135, 68, 136)` looks like.

```
.text, #text, p{  
    color:rgb(135, 68, 136)  
}
```

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(135, 68, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 68, 136) }
```

Border

The CSS property to change the border of an element to YUV 95.7850, 19.8260, 34.3916 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(135, 68, 136) }
```


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

```
.border{ border-color:rgb(135, 68, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 68, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 68, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 68, 136);  
box-shadow:4px 4px 4px 4px rgb(135, 68,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 95.7850, 19.8260, 34.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 68, 136) }
```

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

```
.background{ background-color: rgb(135, 68,  
136) }
```

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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