

Converting Colors

YUV(79.8900, -9.8058, 18.5135)

Have a look what the booklet for
YUV(79.8900, -9.8058, 18.5135)
contains.

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Color

**YUV(79.8900, -9.8058,
18.5135)**

Conversions

Conversions Part 1

Format	Color
Hex	65493C
RGB	101, 73, 60
RGB Percent	40%, 29%, 24%
CMY	0.6039, 0.7137, 0.7647
CMYK	0.00, 0.28, 0.41, 0.60
HSL	19°, 25%, 32%
HSV	19°, 41%, 40%
XYZ	8.5650, 7.8580, 5.3403
YIQ	79.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

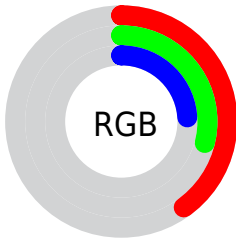
Format	Color
R_{YB}	101, 79, 60
Decimal	6637884
CIE _{Lab}	33.69, 10.00, 12.46
CIE _{LCh}	34, 15.975, 51.233
Yxy	7.8580, 0.3936, 0.3611
Android (android.graphics.Color)	4284827964 (0xFF65493C)
YUV	79.8900, -9.8058, 18.5135
Hunter-Lab	28.0322, 5.4828, 8.3274




Details

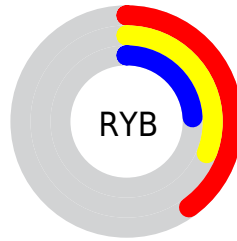
The YUV color **79.8900, -9.8058, 18.5135** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.1100, 9.8058, -18.5135**, and the grayscale version is **80.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **129.5590, -11.1216, 20.5578**, and **34.9220, -8.3425, 15.8544** is the 20% darker color. If you saturate the color by 10%, you get **74.6410, -12.1480, 23.1168**, and if you desaturate by 10%, it is **85.1390, -7.4635, 13.9101**.

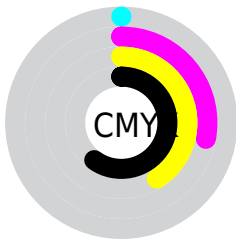
Distribution







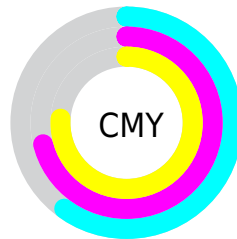
-  Red (40%)
-  Green (29%)
-  Blue (24%)






-  Red (40%)
-  Yellow (31%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (41%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (71%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8900, -9.8058, 18.5135 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 79.8900, -9.8058, 18.5135 by changing the saturation by 10% instead.

■ 79.8900, -9.8058,
18.5135

■ 79.8900, -9.8058,
18.5135

■ 255.0000, 0.0000,
0.0000

■ 56.4060, -9.0742,
17.1839

■ 129.5590,
-11.1216, 20.5578

■ 34.9220, -8.3425,
15.8544

■ 155.2710,
-10.9796, 21.6873

■ 12.5030, -6.1640,
17.0989

■ 182.4560,
-11.5638, 22.4021

■ 0.0000, 0.0000,
0.0000

■ 210.0540,
-11.8586, 23.6316

■ 235.5370,
-11.1107, 17.0691

■ 253.5180, -5.6784,

1.2997

■ 79.8900, -9.8058,
18.5135

■ 79.8900, -9.8058,
18.5135

■ 74.6410, -12.1480,
23.1168

■ 85.1390, -7.4635,
13.9101

■ 69.3920, -14.4903,
27.7202

■ 90.3880, -5.1213,
9.3067

■ 64.1430, -16.8325,
32.3236

■ 95.6370, -2.7790,
4.7034

■ 58.8940, -19.1747,
36.9270

■ 100.8860, -0.4368,
0.1000

■ 54.2320, -21.8064,
41.0155

■ 105.6620, 2.6316,
-4.0886

■ 48.9830, -24.1486,
45.6189

■ 110.9110, 4.9739,
-8.6919

■ 116.1600, 7.3161,
-13.2953

■ 121.4090, 9.6584,
-17.8987

■ 126.6580, 12.0006,
-22.5021

Harmonies

Analogous

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



80.5790, -4.7224, 21.4172



79.8900, -9.8058, 18.5135



78.8630, -12.2575, 11.5211

Triad

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



79.8900, -9.8058, 18.5135



73.9820, 0.5019, -21.0322



79.6650, 11.5042, -3.2142

Complementary

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



79.8900, -9.8058, 18.5135



81.1100, 9.8058, -18.5135

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.



77.3320, 13.1473, -16.9542



79.8900, -9.8058, 18.5135



72.7730, 7.5069, -27.8649

Square

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



79.8900, -9.8058, 18.5135



75.6260, -6.2246, -10.1960



74.3370, 12.1589, -26.6055



81.1890, 6.8088, 9.4812

Rectangle

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



79.8900, -9.8058, 18.5135



77.9330, -11.7990, 4.4438



74.3370, 12.1589, -26.6055



79.1590, 12.2466, -8.0324

Sweetspot

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



79.8900, -9.8058, 18.5135



121.7190, -3.8055, 7.2624



75.4510, 6.1867, 22.4065



61.4520, -2.1948, 3.9886



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



79.8900, -9.8058, 18.5135



97.4630, -15.5113, 28.5349



91.6300, -15.5936, 8.2175



48.6690, -1.3158, 2.0443



55.5170, -27.3699, 52.1666



117.5570, -57.9556, 109.1365

Inverse Universe

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



81.1100, 9.8058, -18.5135



99.1240, 15.2219, -29.0497



69.3700, 15.5936, -8.2175



48.3310, 1.3158, -2.0443



58.8960, 27.6593, -51.6518



124.4430, 57.9556, -109.1365

Previews

White Background



This preview shows how the YUV color 79.8900, -9.8058, 18.5135 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



This preview shows how the YUV color 79.8900, -9.8058, 18.5135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

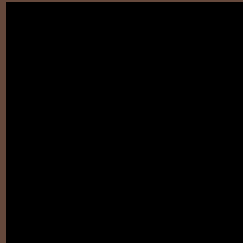
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8900, -9.8058, 18.5135

Background



This preview shows how black text looks on a background with the YUV color 79.8900, -9.8058, 18.5135.

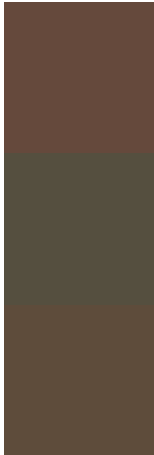


This preview shows how white text looks on a background with the YUV color 79.8900, -9.8058,

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

79.8900, -9.8058, 18.5135

Protanopia

78.9700, -7.8732, 5.2883

Deuteranopia

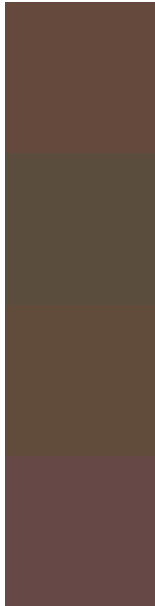
79.4440, -10.0789, 12.7656



Tritanopia

81.1380, -2.5330, 19.1730

Trichromacy



Original Color

79.8900, -9.8058, 18.5135

Protanomaly

79.4760, -8.6157, 10.1065

Deuteranomaly

79.7540, -10.2317, 15.1247

Tritanomaly

80.7420, -5.2958, 18.6433

Monochromacy



Original Color

79.8900, -9.8058, 18.5135

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8900, -9.8058, 18.5135 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(101, 73, 60)` looks like.

```
.text, #text, p{  
    color:rgb(101, 73, 60)  
}
```

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(101, 73, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 73, 60) }
```

Border

The CSS property to change the border of an element to YUV 79.8900, -9.8058, 18.5135 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(101, 73, 60) }
```


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

```
.border{ border-color:rgb(101, 73, 60) }
```

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

Here you see how a box with a 4 pixel rgb(101, 73, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 73, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 73, 60);  
box-shadow:4px 4px 4px 4px rgb(101, 73,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 79.8900, -9.8058, 18.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 73, 60) }
```

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

```
.background{ background-color: rgb(101, 73,  
60) }
```

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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