

Converting Colors

YUV(98.1910, 17.1608, 2.4635)

Have a look what the booklet for
YUV(98.1910, 17.1608, 2.4635)
contains.

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Color

**YUV(98.1910, 17.1608,
2.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	655A85
RGB	101, 90, 133
RGB Percent	40%, 35%, 52%
CMY	0.6039, 0.6471, 0.4784
CMYK	0.24, 0.32, 0.00, 0.48
HSL	255°, 19%, 44%
HSV	255°, 32%, 52%
XYZ	13.2566, 11.7725, 23.7639
YIQ	98.1910, -7.2470, 15.7050

Conversions

Conversions Part 2

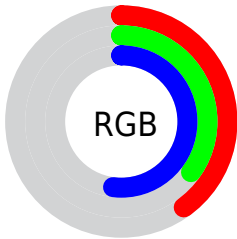
Format	Color
R_{YB}	101, 90, 133
Decimal	6642309
CIE _{Lab}	40.85, 14.25, -22.39
CIE _{LCh}	41, 26.542, 302.463
Yxy	11.7725, 0.2717, 0.2413
Android (android.graphics.Color)	4284832389 (0xFF655A85)
YUV	98.1910, 17.1608, 2.4635
Hunter-Lab	34.3111, 8.9220, -17.0467

Details

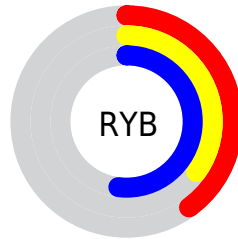
The YUV color **98.1910, 17.1608, 2.4635** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.8090, -17.1608, -2.4635**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1310, 18.1764, 3.3931**, and **51.1370, 15.7085, 1.6339** is the 20% darker color. If you saturate the color by 10%, you get **87.5700, 22.3970, 3.0081**, and if you desaturate by 10%, it is **108.8120, 11.9247, 1.9189**.

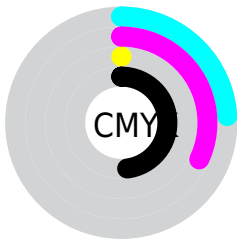
Distribution



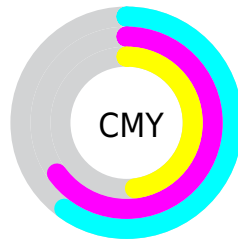
- Red (40%)
- Green (35%)
- Blue (52%)



- Red (40%)
- Yellow (35%)
- Blue (52%)



- Cyan (24%)
- Magenta (32%)
- Yellow (0%)
- Black (48%)



- Cyan (60%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1910, 17.1608, 2.4635 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 98.1910, 17.1608, 2.4635 by changing the saturation by 10% instead.

■ 98.1910, 17.1608,
2.4635

■ 98.1910, 17.1608,
2.4635

■ 255.0000, 0.0000,
0.0000

■ 74.3650, 16.5821,
1.4339

■ 149.1310, 18.1764,
3.3931

■ 51.1370, 15.7085,
1.6339

■ 175.6580, 18.9026,
3.8079

■ 29.8980, 14.8403,
0.0895

■ 203.4730, 19.4868,
3.0932

■ 7.6210, 14.9768,
2.9634

■ 229.9480, 12.3506,
5.3076

■ 2.2970, 6.2626,
-2.0145

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

■ 98.1910, 17.1608,
2.4635

■ 98.1910, 17.1608,
2.4635

■ 87.5700, 22.3970,
3.0081

■ 108.8120, 11.9247,
1.9189

■ 76.3620, 27.9225,
4.0675

■ 120.0200, 6.3991,
0.8595

■ 65.7410, 33.1587,
4.6121

■ 130.6410, 1.1630,
0.3148

■ 55.1200, 38.3948,
5.1568

■ 141.2620, -4.0732,
-0.2298

■ 44.7980, 43.4836,
6.3162

■ 152.1710, -9.4513,
-1.9040

■ 33.5900, 49.0091,
7.3756

■ 162.7920,
-14.6875, -2.4486

■ 25.3280, 53.0823,
7.6053

■ 173.4130,
-19.9236, -2.9932

■ 184.0340,

-25.1598, -3.5378

 195.2420,
-30.6853, -4.5972

Harmonies

Analogous

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



93.4050, 22.4783, -23.1572



98.1910, 17.1608, 2.4635



99.4340, 8.6600, 22.4214

Triad

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



98.1910, 17.1608, 2.4635



96.2410, -18.8528, 26.9756



82.2280, 7.2826, -49.3120

Complementary

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



98.1910, 17.1608, 2.4635



124.8090, -17.1608, -2.4635

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.



88.4130, -6.6126, -25.7952



98.1910, 17.1608, 2.4635



94.8710, -21.1354, 12.3911

Square

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



98.1910, 17.1608, 2.4635



96.9460, -11.3124, 35.1274



92.3140, -16.4238, -5.5374



76.3750, 21.0141, -66.9809

Rectangle

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



98.1910, 17.1608, 2.4635



99.0670, 1.9390, 31.5132



92.3140, -16.4238, -5.5374



85.0180, 2.4561, -41.2348

Sweetspot

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



98.1910, 17.1608, 2.4635



159.1340, 6.8359, 0.7595



113.6860, 9.5218, -20.7726



78.1510, 4.3626, 0.7446



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.



98.1910, 17.1608, 2.4635



118.7210, 26.7595, 3.7527



104.4700, 14.0653, 15.3738



60.9830, 2.4734, 0.0149



24.6870, 51.9193, 7.2905



0.6410, 1.1630, 0.3148

Inverse Universe

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



106.5050, 7.6390, 23.2361



131.7330, 11.9636, 36.1912



118.5300, -14.0653, -15.3738



62.3640, 1.2995, 3.1888



49.9280, 23.2065, 70.2231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 98.1910, 17.1608, 2.4635 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 98.1910, 17.1608, 2.4635 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 98.1910, 17.1608, 2.4635

Background



This preview shows how black text looks on a background with the YUV color 98.1910, 17.1608, 2.4635.

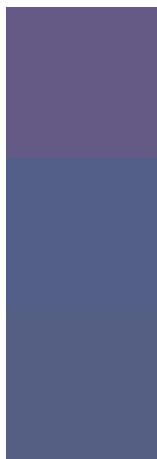


This preview shows how white text looks on a background with the YUV color 98.1910, 17.1608,

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

98.1910, 17.1608, 2.4635

Protanopia

96.2000, 20.1144, -11.5764

Deuteranopia

96.2280, 17.6356, -9.8470



Tritanopia

96.4990, 3.2050, -1.3146

Trichromacy



Original Color

98.1910, 17.1608, 2.4635

Protanomaly

97.0050, 19.2245, -6.1434

Deuteranomaly

96.8480, 17.3299, -5.1287

Tritanomaly

97.1770, 8.2937, -0.1552

Monochromacy



Original Color

98.1910, 17.1608, 2.4635

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1910, 17.1608, 2.4635 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, 90, 133)` looks like.

```
.text, #text, p{  
    color:rgb(101, 90, 133)  
}
```

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, 90, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 90, 133) }
```

Border

The CSS property to change the border of an element to YUV 98.1910, 17.1608, 2.4635 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, 90, 133) }
```


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

```
.border{ border-color:rgb(101, 90, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 90, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 90, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 90, 133);  
box-shadow:4px 4px 4px 4px rgb(101, 90,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 98.1910, 17.1608, 2.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 90, 133) }
```

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

```
.background{ background-color: rgb(101, 90,  
133) }
```

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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