

Converting Colors

YUV(95.9050, 10.8928, 6.2223)

Have a look what the booklet for
YUV(95.9050, 10.8928, 6.2223)
contains.

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Color

**YUV(95.9050, 10.8928,
6.2223)**

Conversions

Conversions Part 1

Format	Color
Hex	675876
RGB	103, 88, 118
RGB Percent	40%, 35%, 46%
CMY	0.5961, 0.6549, 0.5373
CMYK	0.13, 0.25, 0.00, 0.54
HSL	270°, 15%, 40%
HSV	270°, 25%, 46%
XYZ	12.3533, 11.1710, 18.6447
YIQ	95.9050, -0.6900, 12.5100

Conversions

Conversions Part 2

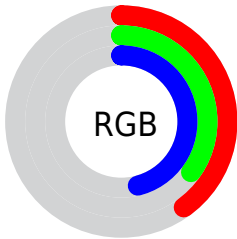
Format	Color
R_{YB}	103, 88, 118
Decimal	6772854
CIE _{Lab}	39.87, 12.46, -14.74
CIE _{LCh}	40, 19.302, 310.221
Yxy	11.1710, 0.2929, 0.2649
Android (android.graphics.Color)	4284962934 (0xFF675876)
YUV	95.9050, 10.8928, 6.2223
Hunter-Lab	33.4231, 7.4837, -9.6781

Details

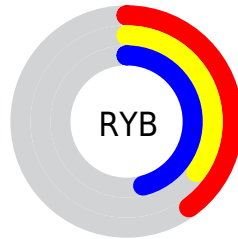
The YUV color **95.9050, 10.8928, 6.2223** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.0950, -10.8928, -6.2223**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4320, 11.6190, 6.6371**, and **49.3780, 10.1666, 5.8075** is the 20% darker color. If you saturate the color by 10%, you get **87.0670, 15.2500, 8.7112**, and if you desaturate by 10%, it is **104.7430, 6.5357, 3.7334**.

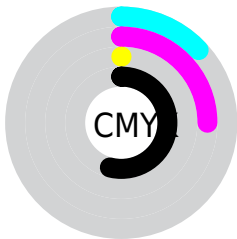
Distribution



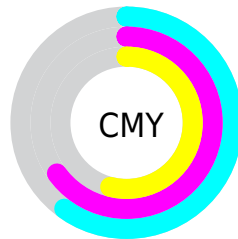
- Red (40%)
- Green (35%)
- Blue (46%)



- Red (40%)
- Yellow (35%)
- Blue (46%)



- Cyan (13%)
- Magenta (25%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (65%)
- Yellow (54%)
- Black (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9050, 10.8928, 6.2223 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 95.9050, 10.8928, 6.2223 by changing the saturation by 10% instead.

■ 95.9050, 10.8928,
6.2223

■ 95.9050, 10.8928,
6.2223

■ 255.0000, 0.0000,
0.0000

■ 72.3780, 10.1666,
5.8075

■ 146.4320, 11.6190,
6.6371

■ 49.3780, 10.1666,
5.8075

■ 172.9590, 12.3452,
7.0520

■ 28.4380, 9.1511,
4.8779

■ 200.3720, 12.6346,
7.5668

■ 7.2640, 9.7298,
5.9075

■ 228.3720, 12.6346,
7.5668

■ 0.0000, 0.0000,
0.0000

■ 250.8910, 2.0257,
3.6036

95.9050, 10.8928,
6.2223

95.9050, 10.8928,
6.2223

87.0670, 15.2500,
8.7112

104.7430, 6.5357,
3.7334

78.2290, 19.6071,
11.2002

113.5810, 2.1786,
1.2445

69.9780, 23.6748,
13.1743

121.8320, -1.8892,
-0.7297

61.1400, 28.0320,
15.6632

130.6700, -6.2463,
-3.2186

52.6010, 32.2417,
18.7669

139.2090,
-10.4560, -6.3223

43.7630, 36.5988,
21.2558

148.0470,
-14.8132, -8.8112

34.9250, 40.9560,
23.7448


156.8850,
-19.1703, -11.3001

31.0930, 42.8452,

165.1360,

24.4744

-23.2380, -13.2743

 173.9740,
-27.5952, -15.7632

Harmonies

Analogous

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



93.6470, 15.4570, -11.0914



95.9050, 10.8928, 6.2223



96.5600, 4.1609, 18.8029

Triad

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



95.9050, 10.8928, 6.2223



93.7390, -14.1683, 17.7689



86.0990, 6.3602, -33.4128

Complementary

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



95.9050, 10.8928, 6.2223



110.0950, -10.8928, -6.2223

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.



88.4720, -2.6977, -21.4619



95.9050, 10.8928, 6.2223



92.8470, -14.7146, 6.2732

Square

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



95.9050, 10.8928, 6.2223



95.1080, -10.4062, 24.4613



90.4970, -10.5980, -7.4519



86.0260, 13.7912, -36.8568

Rectangle

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



95.9050, 10.8928, 6.2223



95.9260, -0.9495, 24.6209



90.4970, -10.5980, -7.4519



86.9100, 3.0024, -29.7391

Sweetspot

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



95.9050, 10.8928, 6.2223



144.1620, 4.3571, 2.4889



100.2250, 8.7631, -10.7213



71.1080, 2.9048, 1.6593



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



95.9050, 10.8928, 6.2223



118.2350, 17.1391, 9.4409



100.3900, 8.6817, 15.4440



54.5810, 2.1786, 1.2445



32.1470, 44.2975, 25.3041



65.8750, 90.7736, 51.8526

Inverse Universe

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



98.6800, 2.1298, 16.9436



122.6750, 3.1182, 26.5950



105.6100, -8.6817, -15.4440



55.1360, 0.4260, 3.3887



43.4320, 8.6610, 68.9041



89.0000, 17.7480, 141.1970

Previews

White Background



This preview shows how the YUV color 95.9050, 10.8928, 6.2223 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 95.9050, 10.8928, 6.2223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

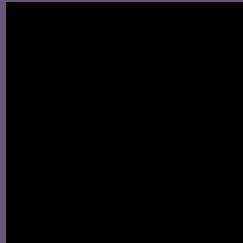
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.9050, 10.8928, 6.2223

Background



This preview shows how black text looks on a background with the YUV color 95.9050, 10.8928, 6.2223.

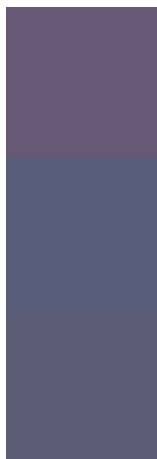


This preview shows how white text looks on a background with the YUV color 95.9050, 10.8928,

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

95.9050, 10.8928, 6.2223

Protanopia

94.5120, 13.5516, -6.5880

Deuteranopia

94.5510, 11.0674, -3.1142



Tritanopia

95.1900, 1.8783, 4.2184

Trichromacy



Original Color

95.9050, 10.8928, 6.2223

Protanomaly

95.0180, 12.8091, -1.7698

Deuteranomaly

95.1600, 10.7671, -0.1403

Tritanomaly

95.7000, 5.0779, 4.6481

Monochromacy



Original Color

95.9050, 10.8928, 6.2223

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9050, 10.8928, 6.2223 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(103, 88, 118)` looks like.

```
.text, #text, p{  
    color:rgb(103, 88, 118)  
}
```

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(103, 88, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 88, 118) }
```

Border

The CSS property to change the border of an element to YUV 95.9050, 10.8928, 6.2223 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(103, 88, 118) }
```


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

```
.border{ border-color:rgb(103, 88, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 88, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 88, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 88, 118);  
box-shadow:4px 4px 4px 4px rgb(103, 88,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 95.9050, 10.8928, 6.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 88, 118) }
```

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

```
.background{ background-color: rgb(103, 88,  
118) }
```

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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