

Converting Colors

YUV(97.6670, 8.5452, 12.5700)

Have a look what the booklet for
YUV(97.6670, 8.5452, 12.5700)
contains.

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Color

**YUV(97.6670, 8.5452,
12.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	705773
RGB	112, 87, 115
RGB Percent	44%, 34%, 45%
CMY	0.5608, 0.6588, 0.5490
CMYK	0.03, 0.24, 0.00, 0.55
HSL	294°, 14%, 40%
HSV	294°, 24%, 45%
XYZ	13.1848, 11.4989, 17.7443
YIQ	97.6670, 5.9120, 14.0080

Conversions

Conversions Part 2

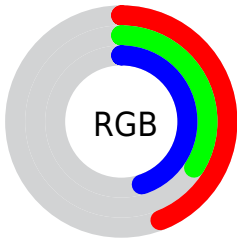
Format	Color
R_{YB}	112, 87, 115
Decimal	7362419
CIE _{Lab}	40.41, 15.69, -11.99
CIE _{LCh}	40, 19.746, 322.620
Yxy	11.4989, 0.3108, 0.2710
Android (android.graphics.Color)	4285552499 (0xFF705773)
YUV	97.6670, 8.5452, 12.5700
Hunter-Lab	33.9101, 10.0611, -7.2878

Details

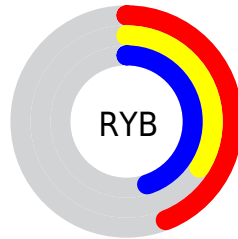
The YUV color $97.6670, 8.5452, 12.5700$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $104.3330, -8.5452, -12.5700$, and the grayscale version is $98.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $148.4930, 9.1240, 13.5996$, and $50.8410, 7.9664, 11.5404$ is the 20% darker color. If you saturate the color by 10%, you get $90.9110, 11.8759, 17.6181$, and if you desaturate by 10%, it is $105.0100, 4.9251, 7.0072$.

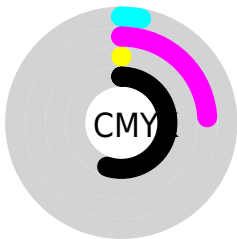
Distribution



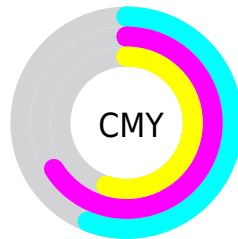
- Red (44%)
- Green (34%)
- Blue (45%)



- Red (44%)
- Yellow (34%)
- Blue (45%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6670, 8.5452, 12.5700 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 97.6670, 8.5452, 12.5700 by changing the saturation by 10% instead.

■ 97.6670, 8.5452,
12.5700

■ 97.6670, 8.5452,
12.5700

■ 255.0000, 0.0000,
0.0000

■ 73.8410, 7.9664,
11.5404

■ 148.4930, 9.1240,
13.5996

■ 50.8410, 7.9664,
11.5404

■ 174.9060, 9.4133,
14.1144

■ 29.1290, 7.8244,
10.4109

■ 202.9060, 9.4133,
14.1144

■ 9.7270, 7.5296,
11.6404

■ 230.7320, 9.9921,
15.1440

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.3151,
4.1184

■ 97.6670, 8.5452,
12.5700

■ 97.6670, 8.5452,
12.5700

■ 90.9110, 11.8759,
17.6181

■ 105.0100, 4.9251,
7.0072

■ 83.5680, 15.4960,
23.1809

■ 111.7660, 1.5944,
1.9592

■ 76.5130, 18.9741,
27.6141

■ 119.4080, -2.1731,
-2.9888

■ 69.1700, 22.5942,
33.1769

■ 126.1640, -5.5039,
-8.0368

■ 62.4140, 25.9249,
38.2249

■ 133.5070, -9.1240,
-13.5996

■ 55.0710, 29.5450,
43.7877

■ 140.2630,
-12.4547, -18.6477

■ 48.0160, 33.0231,
48.2210


■ 147.9050,
-16.2222, -23.5957

■ 43.9070, 35.0488,

■ 154.6610,

51.8246

-19.5529, -28.6437

 162.0040,
-23.1730, -34.2065

Harmonies

Analogous

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



96.3490, 14.1249, -3.8141



97.6670, 8.5452, 12.5700



97.7840, 1.0925, 22.9914

Triad

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



97.6670, 8.5452, 12.5700



94.6630, -15.6099, 13.4505



86.4020, 10.1548, -37.1866

Complementary

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



97.6670, 8.5452, 12.5700



104.3330, -8.5452, -12.5700

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.



88.4650, 1.2498, -27.5948



97.6670, 8.5452, 12.5700



93.0420, -13.8247, 0.8402

Square

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



97.6670, 8.5452, 12.5700



95.5270, -12.5848, 23.2168



90.8490, -7.8136, -13.8996



87.9060, 15.8223, -34.9976

Rectangle

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



97.6670, 8.5452, 12.5700



96.8400, -3.8651, 26.4503



90.8490, -7.8136, -13.8996



86.7290, 7.5286, -34.8423

Sweetspot

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



97.6670, 8.5452, 12.5700



143.8310, 3.0413, 4.5332



91.9530, 11.3622, -4.3438



72.5920, 2.1731, 2.9888



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.



97.6670, 8.5452, 12.5700



123.5630, 13.0334, 19.6772



97.3100, 3.2982, 15.5141



55.1790, 1.8838, 2.4740



46.4990, 37.2220, 54.8134



95.1770, 76.3277, 112.1008

Inverse Universe

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



95.7140, -2.8170, 16.9138



120.3130, -4.5913, 26.0355



104.6900, -3.2982, -15.5141



54.7940, -0.8844, 3.6887



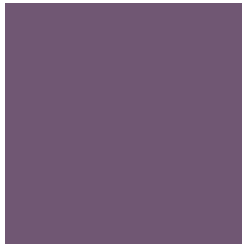
37.9600, -12.3053, 73.7031



77.8280, -25.0582, 150.9948

Previews

White Background



This preview shows how the YUV color 97.6670, 8.5452, 12.5700 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 97.6670, 8.5452, 12.5700 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 97.6670, 8.5452, 12.5700

Background



This preview shows how black text looks on a background with the YUV color 97.6670, 8.5452, 12.5700.



This preview shows how white text looks on a background with the YUV color 97.6670, 8.5452,

12.5700.

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

97.6670, 8.5452, 12.5700

Protanopia

95.4690, 12.0938, -5.6733

Deuteranopia

96.2910, 8.7305, -0.2552



Tritanopia

96.4790, 0.2569, 10.9809

Trichromacy



Original Color

97.6670, 8.5452, 12.5700

Protanomaly

95.8720, 10.9091, 0.9893

Deuteranomaly

96.9110, 8.4249, 4.4631

Tritanomaly

96.9890, 3.4564, 11.4106

Monochromacy



Original Color

97.6670, 8.5452, 12.5700

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6670, 8.5452, 12.5700 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(112, 87, 115)` looks like.

```
.text, #text, p{  
    color:rgb(112, 87, 115)  
}
```

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(112, 87, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 87, 115) }
```

Border

The CSS property to change the border of an element to YUV 97.6670, 8.5452, 12.5700 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(112, 87, 115) }
```


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

```
.border{ border-color:rgb(112, 87, 115) }
```

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

Here you see how a box with a 4 pixel rgb(112, 87, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 87, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 87, 115);  
box-shadow:4px 4px 4px 4px rgb(112, 87,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 97.6670, 8.5452, 12.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 87, 115) }
```

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

```
.background{ background-color: rgb(112, 87,  
115) }
```

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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