

Converting Colors

YUV(88.8950, 9.4188, 12.3701)

Have a look what the booklet for
YUV(88.8950, 9.4188, 12.3701)
contains.

YUV(88.8950, 9.4188, 12.3701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(88.8950, 9.4188,
12.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	674E6C
RGB	103, 78, 108
RGB Percent	40%, 31%, 42%
CMY	0.5961, 0.6941, 0.5765
CMYK	0.05, 0.28, 0.00, 0.58
HSL	290°, 16%, 36%
HSV	290°, 28%, 42%
XYZ	11.0247, 9.4151, 15.4236
YIQ	88.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

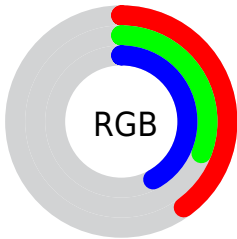
Format	Color
R_{YB}	103, 78, 108
Decimal	6770284
CIE _{Lab}	36.77, 16.38, -13.27
CIE _{LCh}	37, 21.083, 320.986
Yxy	9.4151, 0.3074, 0.2625
Android (android.graphics.Color)	4284960364 (0xFF674E6C)
YUV	88.8950, 9.4188, 12.3701
Hunter-Lab	30.6840, 10.4378, -8.3239

Details

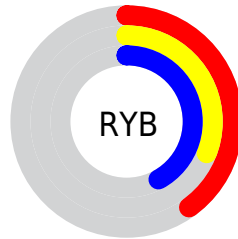
The YUV color **88.8950, 9.4188, 12.3701** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97.1050, -9.4188, -12.3701**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7210, 9.9975, 13.3997**, and **42.7700, 8.9874, 10.7257** is the 20% darker color. If you saturate the color by 10%, you get **81.8400, 12.8969, 16.8033**, and if you desaturate by 10%, it is **95.9500, 5.9407, 7.9369**.

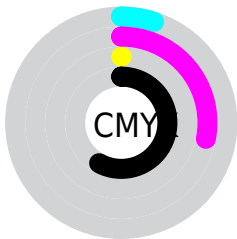
Distribution



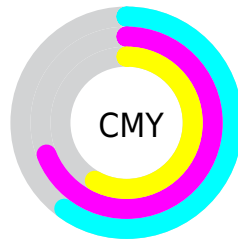
- Red (40%)
- Green (31%)
- Blue (42%)



- Red (40%)
- Yellow (31%)
- Blue (42%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.8950, 9.4188, 12.3701 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 88.8950, 9.4188, 12.3701 by changing the saturation by 10% instead.

88.8950, 9.4188,
12.3701

88.8950, 9.4188,
12.3701

255.0000, 0.0000,
0.0000

65.4820, 9.1294,
11.8553

138.7210, 9.9975,
13.3997

42.7700, 8.9874,
10.7257

165.1340, 10.2869,
13.9145

21.6560, 8.5506,
10.8257

192.5470, 10.5763,
14.4293

1.9380, 7.4256,
-1.6996

220.6610, 11.0131,
14.3293

0.0000, 0.0000,
0.0000

243.8470, 5.4984,
9.7812

88.8950, 9.4188,
12.3701

88.8950, 9.4188,
12.3701

81.8400, 12.8969,
16.8033

95.9500, 5.9407,
7.9369

74.7850, 16.3750,
21.2366

103.0050, 2.4625,
3.5036

68.6160, 19.4163,
25.7698

109.1740, -0.5788,
-1.0296

61.5610, 22.8944,
30.2030

116.2290, -4.0569,
-5.4628

54.5060, 26.3725,
34.6362

123.2840, -7.5350,
-9.8961

47.4510, 29.8507,
39.0695

130.3390,
-11.0131, -14.3293

40.3960, 33.3288,
43.5027


137.3940,
-14.4912, -18.7625

39.2220, 33.9076,

143.5630,

44.5323

-17.5326, -23.2958

 150.6180,
-21.0107, -27.7290

Harmonies

Analogous

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



86.9790, 15.2934, -5.2436



88.8950, 9.4188, 12.3701



88.6100, 1.6713, 24.0210

Triad

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



88.8950, 9.4188, 12.3701



86.1470, -16.3415, 14.7801



75.8960, 10.8973, -42.0048

Complementary

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



88.8950, 9.4188, 12.3701



97.1050, -9.4188, -12.3701

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.



78.7530, 1.1078, -28.7244



88.8950, 9.4188, 12.3701



84.1130, -14.8457, 1.6549

Square

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



88.8950, 9.4188, 12.3701



87.1250, -12.8796, 24.4464



81.7350, -8.2504, -13.7996



77.2150, 17.1490, -40.5306

Rectangle

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



88.8950, 9.4188, 12.3701



88.5520, -3.7231, 27.5799



81.7350, -8.2504, -13.7996



76.7070, 7.5394, -38.3310

Sweetspot

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



88.8950, 9.4188, 12.3701



132.9450, 3.4781, 4.4332



84.3550, 11.6570, -5.5733



66.5920, 2.1731, 2.9888



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



88.8950, 9.4188, 12.3701



110.9050, 14.3438, 19.3773



89.2500, 4.3137, 16.4438



50.1790, 1.8838, 2.4740



42.6400, 36.6595, 48.5507



88.9260, 76.9445, 100.9199

Inverse Universe

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



87.5400, -2.2382, 17.9434



108.6660, -3.2863, 27.4799



96.7500, -4.3137, -16.4437



49.9080, -0.4476, 3.5887



37.2630, -8.5107, 69.9293



77.9290, -18.2060, 146.5213

Previews

White Background



This preview shows how the YUV color 88.8950, 9.4188, 12.3701 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 88.8950, 9.4188, 12.3701 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 88.8950, 9.4188, 12.3701

Background



This preview shows how black text looks on a background with the YUV color 88.8950, 9.4188, 12.3701.



This preview shows how white text looks on a background with the YUV color 88.8950, 9.4188,

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

88.8950, 9.4188, 12.3701

Protanopia

87.0990, 13.2622, -7.1028

Deuteranopia

87.5080, 9.6096, -2.1995



Tritanopia

88.0660, -0.0325, 10.4661

Trichromacy



Original Color

88.8950, 9.4188, 12.3701

Protanomaly

87.8010, 11.9301, 0.1745

Deuteranomaly

87.8400, 9.4459, 3.6483

Tritanomaly

88.5760, 3.1670, 10.8958

Monochromacy



Original Color

88.8950, 9.4188, 12.3701

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8950, 9.4188, 12.3701 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, 78, 108)` looks like.

```
.text, #text, p{  
    color:rgb(103, 78, 108)  
}
```

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, 78, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 78, 108) }
```

Border

The CSS property to change the border of an element to YUV 88.8950, 9.4188, 12.3701 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, 78, 108) }
```


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

```
.border{ border-color:rgb(103, 78, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 78, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 78, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 78, 108);  
box-shadow:4px 4px 4px 4px rgb(103, 78,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 88.8950, 9.4188, 12.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 78, 108) }
```

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

```
.background{ background-color: rgb(103, 78,  
108) }
```

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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