

Converting Colors

YUV(94.6290, 6.0989, 3.8334)

Have a look what the booklet for
YUV(94.6290, 6.0989, 3.8334)
contains.

YUV(94.6290, 6.0989, 3.8334)	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(94.6290, 6.0989,
3.8334)**

Conversions

Conversions Part 1

Format	Color
Hex	635A6B
RGB	99, 90, 107
RGB Percent	39%, 35%, 42%
CMY	0.6118, 0.6471, 0.5804
CMYK	0.07, 0.16, 0.00, 0.58
HSL	272°, 9%, 39%
HSV	272°, 16%, 42%
XYZ	11.4556, 11.0265, 15.4345
YIQ	94.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

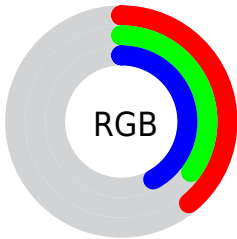
Format	Color
RYB	99, 90, 107
Decimal	6511211
CIELab	39.63, 7.22, -8.38
CIElCh	40, 11.057, 310.750
Yxy	11.0265, 0.3021, 0.2908
Android (android.graphics.Color)	4284701291 (0xFF635A6B)
YUV	94.6290, 6.0989, 3.8334
Hunter-Lab	33.2062, 3.4687, -4.3141

Details

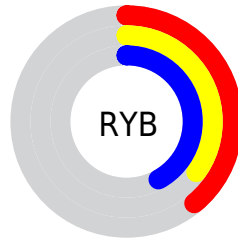
The YUV color **94.6290, 6.0989, 3.8334** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.3710, -6.0989, -3.8334**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0420, 6.3883, 4.3482**, and **48.2160, 5.8095, 3.3186** is the 20% darker color. If you saturate the color by 10%, you get **86.6770, 10.0192, 6.4223**, and if you desaturate by 10%, it is **102.5810, 2.1786, 1.2445**.

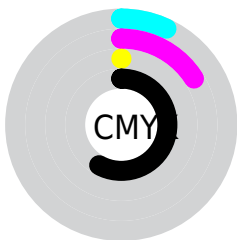
Distribution



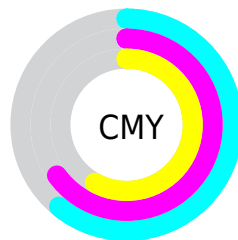
- Red (39%)
- Green (35%)
- Blue (42%)



- Red (39%)
- Yellow (35%)
- Blue (42%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6290, 6.0989, 3.8334 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 94.6290, 6.0989, 3.8334 by changing the saturation by 10% instead.

■ 94.6290, 6.0989,
3.8334

■ 94.6290, 6.0989,
3.8334

■ 255.0000, 0.0000,
0.0000

■ 71.2160, 5.8095,
3.3186

■ 145.0420, 6.3883,
4.3482

■ 48.2160, 5.8095,
3.3186

■ 171.4550, 6.6777,
4.8630

■ 27.6890, 5.0833,
2.9037

■ 199.1560, 6.8251,
4.2482

■ 3.7320, 6.5411,
1.9890

■ 226.5690, 7.1145,
4.7630

■ 0.0000, 0.0000,
0.0000

■ 252.0650, 1.4470,
2.5740

■ 94.6290, 6.0989,
3.8334

■ 94.6290, 6.0989,
3.8334

■ 86.6770, 10.0192,
6.4223

■ 102.5810, 2.1786,
1.2445

■ 79.3120, 13.6502,
8.4964

■ 109.9460, -1.4524,
-0.8296

■ 71.3600, 17.5705,
11.0853

■ 117.8980, -5.3727,
-3.4185

■ 63.4080, 21.4909,
13.6742

■ 125.8500, -9.2930,
-6.0074

■ 56.0430, 25.1218,
15.7483

■ 133.8020,
-13.2134, -8.5964

■ 48.0910, 29.0421,
18.3372

■ 141.1670,
-16.8443, -10.6705

■ 40.1390, 32.9625,
20.9261

■ 149.1190,
-20.7647, -13.2594

■ 32.1870, 36.8828,

■ 157.0710,

23.5150

-24.6850, -15.8483

■ 29.2410, 38.3352,
24.3446

■ 164.4360,
-28.3159, -17.9224

Harmonies

Analogous

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



93.2580, 8.7468, -5.4883



94.6290, 6.0989, 3.8334



95.2340, 1.8566, 11.1958

Triad

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



94.6290, 6.0989, 3.8334



93.8890, -8.3263, 10.6213



90.2860, 2.8170, -16.9138

Complementary

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



94.6290, 6.0989, 3.8334



102.3710, -6.0989, -3.8334

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.



90.4670, -1.7092, -11.8106



94.6290, 6.0989, 3.8334



92.8450, -8.3046, 3.6439

Square

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



94.6290, 6.0989, 3.8334



94.1930, -6.0111, 14.7397



91.4850, -5.6621, -3.9333



90.4260, 7.1850, -17.9136

Rectangle

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



94.6290, 6.0989, 3.8334



94.8600, -0.9170, 14.1548



91.4850, -5.6621, -3.9333



90.2430, 1.3592, -15.9991

Sweetspot

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



94.6290, 6.0989, 3.8334



134.9940, 2.4680, 1.7593



96.6340, 5.1104, -5.8180



68.0540, 1.4524, 0.8296



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.



94.6290, 6.0989, 3.8334



121.1500, 9.2930, 6.0074



97.0210, 4.9196, 8.7516



49.5810, 2.1786, 1.2445



31.8760, 41.9661, 26.4187



66.8000, 87.8526, 55.4264

Inverse Universe

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



95.9950, 0.9885, 9.6514



123.1420, 1.4090, 14.7845



99.9790, -4.9196, -8.7516



50.1360, 0.4260, 3.3887



41.2530, 6.7773, 66.4301



86.3650, 14.1171, 139.1229

Previews

White Background



This preview shows how the YUV color 94.6290, 6.0989, 3.8334 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 94.6290, 6.0989, 3.8334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

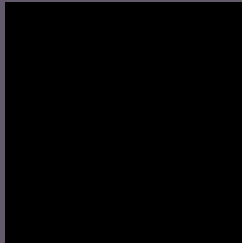
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.6290, 6.0989, 3.8334

Background



This preview shows how black text looks on a background with the YUV color 94.6290, 6.0989, 3.8334.

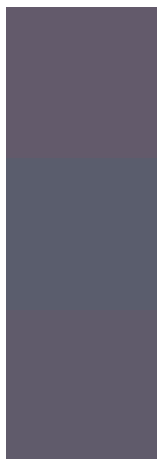


This preview shows how white text looks on a background with the YUV color 94.6290, 6.0989,

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

94.6290, 6.0989, 3.8334

Protanopia

93.9270, 7.4310, -3.4440

Deuteranopia

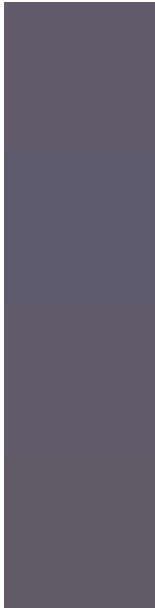
94.3190, 6.2517, 1.4742



Tritanopia

94.0050, 2.4625, 3.5036

Trichromacy



Original Color

94.6290, 6.0989, 3.8334

Protanomaly

94.1230, 6.8414, -0.9849

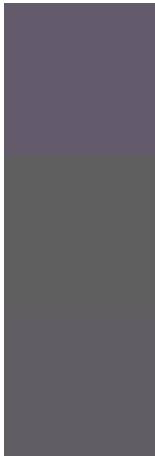
Deuteranomaly

94.6180, 6.1043, 2.0890

Tritanomaly

94.3470, 3.7729, 3.2037

Monochromacy



Original Color

94.6290, 6.0989, 3.8334

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.5810, 2.1786, 1.2445

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6290, 6.0989, 3.8334 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(99, 90, 107)` looks like.

```
.text, #text, p{  
    color:rgb(99, 90, 107)  
}
```

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(99, 90, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 90, 107) }
```

Border

The CSS property to change the border of an element to YUV 94.6290, 6.0989, 3.8334 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(99, 90, 107) }
```


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

```
.border{ border-color:rgb(99, 90, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 90, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 90, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 90, 107);  
box-shadow:4px 4px 4px 4px rgb(99, 90,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 94.6290, 6.0989, 3.8334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 90, 107) }
```

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

```
.background{ background-color: rgb(99, 90,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor