

Converting Colors

YUV(88.9870, 9.8664, 8.7814)

Have a look what the booklet for
YUV(88.9870, 9.8664, 8.7814)
contains.

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Color

**YUV(88.9870, 9.8664,
8.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	63506D
RGB	99, 80, 109
RGB Percent	39%, 31%, 43%
CMY	0.6118, 0.6863, 0.5725
CMYK	0.09, 0.27, 0.00, 0.57
HSL	279°, 15%, 37%
HSV	279°, 27%, 43%
XYZ	10.7746, 9.4941, 15.7327
YIQ	88.9870, 2.0150, 13.0470

Conversions

Conversions Part 2

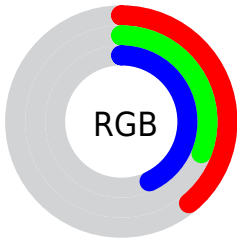
Format	Color
R_{YB}	99, 80, 109
Decimal	6508653
CIE _{Lab}	36.92, 13.89, -13.71
CIE _{LCh}	37, 19.515, 315.371
Yxy	9.4941, 0.2993, 0.2637
Android (android.graphics.Color)	4284698733 (0xFF63506D)
YUV	88.9870, 9.8664, 8.7814
Hunter-Lab	30.8125, 8.4963, -8.7043

Details

The YUV color **88.9870, 9.8664, 8.7814** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **100.0130, -9.8664, -8.7814**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9270, 10.8820, 9.7110**, and **43.0470, 8.8508, 7.8518** is the 20% darker color. If you saturate the color by 10%, you get **81.3340, 13.6393, 11.9851**, and if you desaturate by 10%, it is **96.6400, 6.0935, 5.5777**.

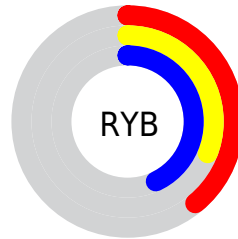
Distribution



Red (39%)

Green (31%)

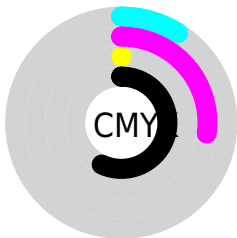
Blue (43%)



Red (39%)

Yellow (31%)

Blue (43%)

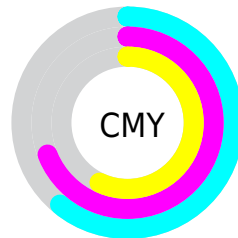


Cyan (9%)

Magenta (27%)

Yellow (0%)

Black (57%)



Cyan (61%)

Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9870, 9.8664, 8.7814 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 88.9870, 9.8664, 8.7814 by changing the saturation by 10% instead.

■ 88.9870, 9.8664,
8.7814

■ 88.9870, 9.8664,
8.7814

■ 255.0000, 0.0000,
0.0000

■ 65.5740, 9.5770,
8.2666

■ 138.9270, 10.8820,
9.7110

■ 43.0470, 8.8508,
7.8518

■ 165.3400, 11.1714,
10.2258

■ 22.2210, 8.2720,
6.8222

■ 192.3400, 11.1714,
10.2258

■ 2.0520, 7.8624,
-1.7996

■ 220.7530, 11.4608,
10.7406

■ 0.0000, 0.0000,
0.0000

■ 245.0210, 4.9196,
8.7516

■ 88.9870, 9.8664,
8.7814

■ 88.9870, 9.8664,
8.7814

■ 81.3340, 13.6393,
11.9851

■ 96.6400, 6.0935,
5.5777

■ 73.6810, 17.4123,
15.1888

■ 104.2930, 2.3206,
2.3740

■ 66.3270, 21.0378,
19.0072

■ 111.6470, -1.3050,
-1.4444

■ 58.6740, 24.8107,
22.2109

■ 119.3000, -5.0779,
-4.6481

■ 51.6080, 28.2943,
24.8998

■ 126.9530, -8.8508,
-7.8518

■ 43.9550, 32.0672,
28.1035

■ 134.0190,
-12.3344, -10.5407

■ 36.6010, 35.6927,
31.9219


■ 141.3730,
-15.9599, -14.3591

■ 33.6550, 37.1451,

■ 149.0260,

32.7516

-19.7328, -17.5628

 156.6790,
-23.5057, -20.7665

Harmonies

Analogous

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



87.1420, 14.7200, -8.0175



88.9870, 9.8664, 8.7814



89.2290, 2.8451, 20.8472

Triad

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



88.9870, 9.8664, 8.7814



86.6140, -14.5997, 16.1245



77.9570, 8.4022, -35.0423

Complementary

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



88.9870, 9.8664, 8.7814



100.0130, -9.8664, -8.7814

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.



80.5040, -1.2345, -24.1210



88.9870, 9.8664, 8.7814



84.9500, -14.2724, 4.4288

Square

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



88.9870, 9.8664, 8.7814



87.5810, -11.1324, 24.0465



83.4150, -9.5716, -10.0110



78.3680, 15.1016, -37.1567

Rectangle

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



88.9870, 9.8664, 8.7814



88.6980, -1.8231, 24.8209



83.4150, -9.5716, -10.0110



79.0560, 4.9024, -32.4981

Sweetspot

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



88.9870, 9.8664, 8.7814



134.7600, 4.0623, 3.7185



89.1760, 9.7732, -8.0474



66.2930, 2.3206, 2.3740



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.



88.9870, 9.8664, 8.7814



111.2140, 15.6705, 13.8443



91.5210, 6.6451, 15.3291



49.8800, 2.0312, 1.8592



36.3610, 39.7550, 35.6404



75.7700, 83.4304, 73.8697

Inverse Universe

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



89.8110, 0.0932, 16.8288



112.5780, 0.2080, 26.6801



97.4790, -6.6451, -15.3291



50.0220, -0.0108, 3.4887



39.5430, 0.2253, 67.9298



82.8310, 0.5763, 142.2222

Previews

White Background



This preview shows how the YUV color 88.9870, 9.8664, 8.7814 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 88.9870, 9.8664, 8.7814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

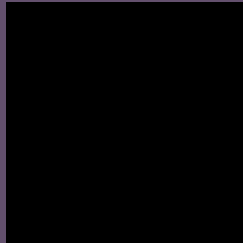
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9870, 9.8664, 8.7814

Background



This preview shows how black text looks on a background with the YUV color 88.9870, 9.8664, 8.7814.



This preview shows how white text looks on a background with the YUV color 88.9870, 9.8664,

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

88.9870, 9.8664, 8.7814

Protanopia

87.2840, 12.6780, -6.3881

Deuteranopia

87.6220, 10.0464, -2.2995



Tritanopia

88.2720, 0.8519, 6.7775

Trichromacy



Original Color

88.9870, 9.8664, 8.7814

Protanomaly

88.0890, 11.7881, -0.9551

Deuteranomaly

87.9430, 9.8881, 1.8040

Tritanomaly

88.7820, 4.0515, 7.2072

Monochromacy



Original Color

88.9870, 9.8664, 8.7814

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2330, 3.3361, 3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9870, 9.8664, 8.7814 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, 80, 109)` looks like.

```
.text, #text, p{  
    color:rgb(99, 80, 109)  
}
```

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, 80, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 80, 109) }
```

Border

The CSS property to change the border of an element to YUV 88.9870, 9.8664, 8.7814 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, 80, 109) }
```


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

```
.border{ border-color:rgb(99, 80, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 80, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 80, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 80, 109);  
box-shadow:4px 4px 4px 4px rgb(99, 80,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 88.9870, 9.8664, 8.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 80, 109) }
```

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

```
.background{ background-color: rgb(99, 80,  
109) }
```

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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