

Converting Colors

YUV(93.8560, 11.9030, 8.8963)

Have a look what the booklet for
YUV(93.8560, 11.9030, 8.8963)
contains.

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Color

**YUV(93.8560, 11.9030,
8.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	685476
RGB	104, 84, 118
RGB Percent	41%, 33%, 46%
CMY	0.5922, 0.6706, 0.5373
CMYK	0.12, 0.29, 0.00, 0.54
HSL	275°, 17%, 40%
HSV	275°, 29%, 46%
XYZ	12.1493, 10.5917, 18.5436
YIQ	93.8560, 1.0060, 14.8140

Conversions

Conversions Part 2

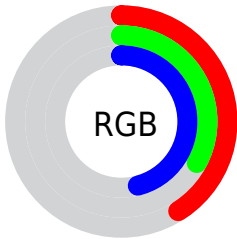
Format	Color
R_{YB}	104, 84, 118
Decimal	6837366
CIE _{Lab}	38.88, 15.30, -16.23
CIE _{LCh}	39, 22.306, 313.305
Yxy	10.5917, 0.2943, 0.2566
Android (android.graphics.Color)	4285027446 (0xFF685476)
YUV	93.8560, 11.9030, 8.8963
Hunter-Lab	32.5449, 9.6818, -11.0011

Details

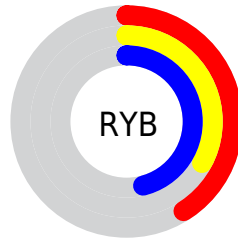
The YUV color **93.8560, 11.9030, 8.8963** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **108.1440, -11.9030, -8.8963**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6820, 12.4818, 9.9259**, and **47.6170, 11.0348, 7.3519** is the 20% darker color. If you saturate the color by 10%, you get **85.3170, 16.1127, 12.0000**, and if you desaturate by 10%, it is **102.3950, 7.6933, 5.7926**.

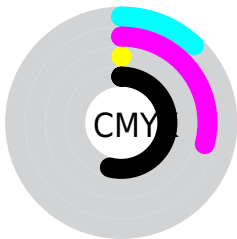
Distribution



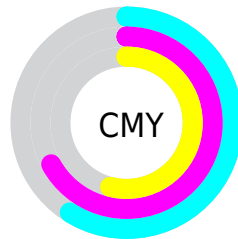
- Red (41%)
- Green (33%)
- Blue (46%)



- Red (41%)
- Yellow (33%)
- Blue (46%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8560, 11.9030, 8.8963 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 93.8560, 11.9030, 8.8963 by changing the saturation by 10% instead.

■ 93.8560, 11.9030,
8.8963

■ 93.8560, 11.9030,
8.8963

■ 255.0000, 0.0000,
0.0000

■ 70.3290, 11.1768,
8.4815

■ 144.6820, 12.4818,
9.9259

■ 47.6170, 11.0348,
7.3519

■ 171.2090, 13.2080,
10.3407

■ 26.0900, 10.3086,
6.9371

■ 198.3230, 13.6448,
10.2407

■ 6.3670, 10.1721,
4.0631

■ 226.6220, 13.4974,
10.8555

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.4727,
6.1776

93.8560, 11.9030,
8.8963

93.8560, 11.9030,
8.8963

85.3170, 16.1127,
12.0000

102.3950, 7.6933,
5.7926

76.7780, 20.3224,
15.1037

110.9340, 3.4835,
2.6889

68.8260, 24.2428,
17.6926

118.8860, -0.4368,
0.1000

60.5860, 28.3051,
21.4111

127.1260, -4.4991,
-3.6185

52.0470, 32.5148,
24.5148

135.6650, -8.7088,
-6.7222

43.5080, 36.7246,
27.6185

144.2040,
-12.9186, -9.8259

34.9690, 40.9343,
30.7222


152.7430,
-17.1283, -12.9296

34.0830, 41.3711,

160.6950,

30.6222

-21.0486, -15.5185

 169.2340,
-25.2584, -18.6222

Harmonies

Analogous

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



91.5160, 17.4936, -10.9765



93.8560, 11.9030, 8.8963



94.1800, 3.8553, 23.5211

Triad

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



93.8560, 11.9030, 8.8963



91.3540, -16.9365, 18.9835



80.1410, 9.2975, -42.2197

Complementary

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



93.8560, 11.9030, 8.8963



108.1440, -11.9030, -8.8963

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.



84.3680, -1.6604, -27.5097



93.8560, 11.9030, 8.8963



89.6790, -16.6037, 5.5435

Square

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



93.8560, 11.9030, 8.8963



92.3750, -12.0169, 27.7351



87.6600, -11.1714, -10.2258



79.6980, 17.8969, -47.0931

Rectangle

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



93.8560, 11.9030, 8.8963



93.7200, -1.8340, 28.3096



87.6600, -11.1714, -10.2258



81.2510, 5.7923, -37.9311

Sweetspot

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



93.8560, 11.9030, 8.8963



142.9880, 4.9359, 3.5185



96.0940, 10.7997, -10.6064



70.5210, 3.1941, 2.1741



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.



93.8560, 11.9030, 8.8963



114.7240, 18.8701, 14.2741



97.7000, 8.5289, 17.8031



54.5810, 2.1786, 1.2445



35.4360, 42.6761, 32.0666



72.4530, 87.5307, 65.3777

Inverse Universe

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



95.7620, 1.1033, 19.5027



117.7680, 2.0864, 30.8985



104.3000, -8.5289, -17.8031



55.0220, -0.0108, 3.4887



42.1780, 3.8562, 70.0039



86.4920, 8.1384, 143.3965

Previews

White Background



This preview shows how the YUV color 93.8560, 11.9030, 8.8963 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 93.8560, 11.9030, 8.8963 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 93.8560, 11.9030, 8.8963

Background



This preview shows how black text looks on a background with the YUV color 93.8560, 11.9030, 8.8963.



This preview shows how white text looks on a background with the YUV color 93.8560, 11.9030,

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

93.8560, 11.9030, 8.8963

Protanopia

92.2560, 15.1568, -8.1175

Deuteranopia

92.1810, 12.2358, -4.5437



Tritanopia

92.3860, 1.2887, 6.6775

Trichromacy



Original Color

93.8560, 11.9030, 8.8963

Protanomaly

92.6590, 13.9721, -1.4549

Deuteranomaly

92.8010, 11.9301, 0.1745

Tritanomaly

93.0100, 4.9251, 7.0072

Monochromacy



Original Color

93.8560, 11.9030, 8.8963

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8560, 11.9030, 8.8963 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(104, 84, 118)` looks like.

```
.text, #text, p{  
    color:rgb(104, 84, 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(104, 84, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 84, 118) }
```

Border

The CSS property to change the border of an element to YUV 93.8560, 11.9030, 8.8963 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(104, 84, 118) }
```


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

```
.border{ border-color:rgb(104, 84, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 84, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 84, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 84, 118);  
box-shadow:4px 4px 4px 4px rgb(104, 84,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 93.8560, 11.9030, 8.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 84, 118) }
```

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

```
.background{ background-color: rgb(104, 84,  
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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