

Converting Colors

YUV(94.6440, 6.5845, -11.9658)

Have a look what the booklet for
YUV(94.6440, 6.5845, -11.9658)
contains.

YUV(94.6440, 6.5845, -11.9658)	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(94.6440, 6.5845,
-11.9658)**

Conversions

Conversions Part 1

Format	Color
Hex	51636C
RGB	81, 99, 108
RGB Percent	32%, 39%, 42%
CMY	0.6824, 0.6118, 0.5765
CMYK	0.25, 0.08, 0.00, 0.58
HSL	200°, 14%, 37%
HSV	200°, 25%, 42%
XYZ	10.5620, 11.7557, 15.8998
YIQ	94.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

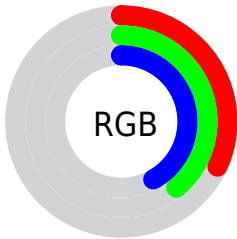
Format	Color
R_{YB}	81, 92, 108
Decimal	5333868
CIE _{Lab}	40.83, -4.55, -7.34
CIE _{LCh}	41, 8.641, 238.208
Yxy	11.7557, 0.2764, 0.3076
Android (android.graphics.Color)	4283523948 (0xFF51636C)
YUV	94.6440, 6.5845, -11.9658
Hunter-Lab	34.2866, -5.0149, -3.4940

Details

The YUV color **94.6440, 6.5845, -11.9658** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.3560, -6.5845, 11.9658**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3450, 6.7319, -12.5806**, and **48.5300, 6.1477, -11.8658** is the 20% darker color. If you saturate the color by 10%, you get **89.0070, 9.3635, -16.6691**, and if you desaturate by 10%, it is **100.2810, 3.8055, -7.2624**.

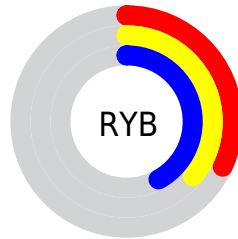
Distribution



Red (32%)

Green (39%)

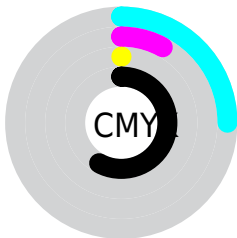
Blue (42%)



Red (32%)

Yellow (36%)

Blue (42%)

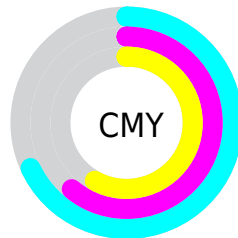


Cyan (25%)

Magenta (8%)

Yellow (0%)

Black (58%)



Cyan (68%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6440, 6.5845, -11.9658 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 94.6440, 6.5845, -11.9658 by changing the saturation by 10% instead.

■ 94.6440, 6.5845,
-11.9658

■ 94.6440, 6.5845,
-11.9658

■ 255.0000, 0.0000,
0.0000

■ 70.9430, 6.4371,
-11.3510

■ 145.3450, 6.7319,
-12.5806

■ 48.5300, 6.1477,
-11.8658

■ 171.4590, 7.1687,
-12.6805

■ 26.8290, 6.0003,
-11.2510

■ 199.1600, 7.3161,
-13.2953

■ 5.6880, 6.5628,
-4.9884

■ 227.1600, 7.3161,
-13.2953

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,
-9.2217

■ 94.6440, 6.5845,
-11.9658

■ 94.6440, 6.5845,
-11.9658

■ 89.0070, 9.3635,
-16.6691

■ 100.2810, 3.8055,
-7.2624

■ 83.9570, 11.8532,
-21.8873

■ 105.3310, 1.3158,
-2.0443

■ 78.6190, 14.4848,
-25.9759

■ 110.6690, -1.3158,
2.0443

■ 73.5690, 16.9745,
-31.1940

■ 115.7190, -3.8055,
7.2624

■ 67.9320, 19.7535,
-35.8974

■ 121.3560, -6.5845,
11.9658

■ 62.2950, 22.5326,
-40.6007

■ 126.9930, -9.3635,
16.6691

■ 57.2450, 25.0222,
-45.8189


■ 132.0430,
-11.8532, 21.8873

■ 54.5760, 26.3380,

■ 137.3810,

-47.8632

-14.4848, 25.9759

 142.4310,
-16.9745, 31.1940

Harmonies

Analogous

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



93.7640, 4.5533, -13.8250



94.6440, 6.5845, -11.9658



95.7910, 7.0050, -6.8327

Triad

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



94.6440, 6.5845, -11.9658



97.3650, -0.1799, 11.0809



95.5070, -5.6730, -0.4446

Complementary

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



94.6440, 6.5845, -11.9658



94.3560, -6.5845, 11.9658

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.



96.1980, -6.9996, 5.0884



94.6440, 6.5845, -11.9658



97.4530, -3.6743, 11.8807

Square

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



94.6440, 6.5845, -11.9658



97.8420, 3.0359, 6.2776



96.4590, -6.1423, 10.1215



94.8590, -2.8885, -6.8923

Rectangle

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



94.6440, 6.5845, -11.9658



96.4110, 6.6994, -2.1144



96.4590, -6.1423, 10.1215



95.4040, -6.1152, 1.3997

Sweetspot

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



94.6440, 6.5845, -11.9658



134.9500, 2.4897, -5.2181



97.8750, -3.8824, -14.7994



67.7330, 1.6106, -3.2738



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.



94.6440, 6.5845, -11.9658



119.2240, 10.2426, -18.6134



87.0130, 10.3466, -5.2734



51.0320, 1.4632, -2.6591



59.1240, 28.5329, -51.8517



123.6110, 59.8448, -108.4068

Inverse Universe

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



91.1250, 3.8824, 14.7994



113.7500, 6.0393, 23.0212



102.5740, -10.6360, 4.7586



50.2500, 0.8628, 3.2887



43.8750, 16.8236, 64.1306



91.8370, 35.0834, 134.3240

Previews

White Background



This preview shows how the YUV color 94.6440, 6.5845, -11.9658 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 94.6440, 6.5845, -11.9658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

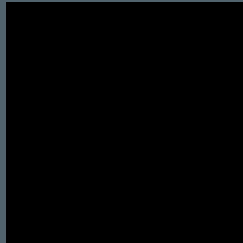
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

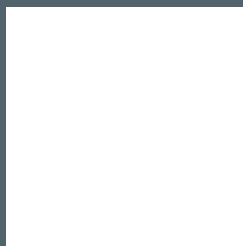
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.6440, 6.5845, -11.9658

Background



This preview shows how black text looks on a background with the YUV color 94.6440, 6.5845, -11.9658.



This preview shows how white text looks on a background with the YUV color 94.6440, 6.5845, -11.9658.

-11.9658.

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

94.6440, 6.5845, -11.9658

Protanopia

96.2540, 4.8048, -1.0998

Deuteranopia

97.2050, 5.8149, 1.5742



Tritanopia

94.5300, 6.1477, -11.8658

Trichromacy



Original Color

94.6440, 6.5845, -11.9658

Protanomaly

95.4600, 5.6892, -4.7884

Deuteranomaly

96.2860, 6.2680, -3.7588

Tritanomaly

94.5300, 6.1477, -11.8658

Monochromacy



Original Color

94.6440, 6.5845, -11.9658

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6440, 6.5845, -11.9658 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(81, 99, 108)` looks like.

```
.text, #text, p{  
    color:rgb(81, 99, 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(81, 99, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 99, 108) }
```

Border

The CSS property to change the border of an element to YUV 94.6440, 6.5845, -11.9658 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(81, 99, 108) }
```


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

```
.border{ border-color:rgb(81, 99, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 99, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 99, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 99, 108);  
box-shadow:4px 4px 4px 4px rgb(81, 99,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 94.6440, 6.5845, -11.9658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 99, 108) }
```

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

```
.background{ background-color: rgb(81, 99,  
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](#).

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