

Converting Colors

YUV(89.6880, 6.5628, -4.9884)

Have a look what the booklet for
YUV(89.6880, 6.5628, -4.9884)
contains.

YUV(89.6880, 6.5628, -4.9884)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(89.6880, 6.5628,
-4.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	545A67
RGB	84, 90, 103
RGB Percent	33%, 35%, 40%
CMY	0.6706, 0.6471, 0.5961
CMYK	0.18, 0.13, 0.00, 0.60
HSL	221°, 10%, 37%
HSV	221°, 18%, 40%
XYZ	9.7605, 10.1764, 14.2818
YIQ	89.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

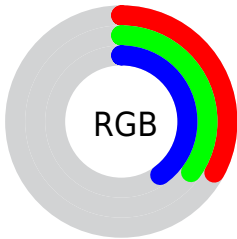
Format	Color
R_{YB}	84, 89, 103
Decimal	5528167
CIE Lab	38.16, 0.71, -8.24
CIE LCh	38, 8.274, 274.900
Yxy	10.1764, 0.2852, 0.2974
Android (android.graphics.Color)	4283718247 (0xFF545A67)
YUV	89.6880, 6.5628, -4.9884
Hunter-Lab	31.9005, -1.2108, -4.2136




Details

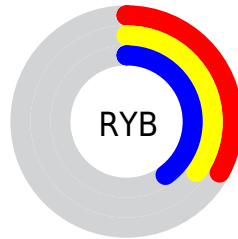
The YUV color **89.6880, 6.5628, -4.9884** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.3120, -6.5628, 4.9884**, and the grayscale version is **90.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **139.8020, 6.9996, -5.0884**, and **44.4600, 5.6892, -4.7884** is the 20% darker color. If you saturate the color by 10%, you get **82.5890, 10.0626, -7.5326**, and if you desaturate by 10%, it is **96.7870, 3.0630, -2.4442**.

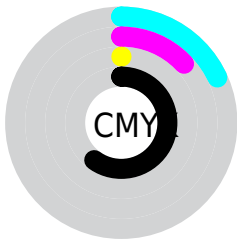
Distribution







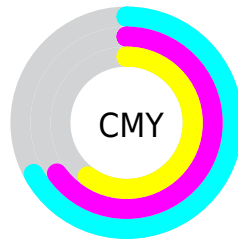
-  Red (33%)
-  Green (35%)
-  Blue (40%)






-  Red (33%)
-  Yellow (35%)
-  Blue (40%)



-  Cyan (18%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (67%)
-  Magenta (65%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6880, 6.5628, -4.9884 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 89.6880, 6.5628, -4.9884 by changing the saturation by 10% instead.

■ 89.6880, 6.5628,
-4.9884

■ 89.6880, 6.5628,
-4.9884

■ 255.0000, 0.0000,
0.0000

■ 66.5740, 6.1260,
-4.8884

■ 139.8020, 6.9996,
-5.0884

■ 44.4600, 5.6892,
-4.7884

■ 165.9160, 7.4364,
-5.1883

■ 23.4600, 5.6892,
-4.7884

■ 192.9160, 7.4364,
-5.1883

■ 1.3680, 5.2416,
-1.1997

■ 221.0300, 7.8732,
-5.2883

■ 0.0000, 0.0000,
0.0000

■ 248.4770, 3.2158,
-4.8033

■ 89.6880, 6.5628,
-4.9884

■ 89.6880, 6.5628,
-4.9884

■ 82.5890, 10.0626,
-7.5326

■ 96.7870, 3.0630,
-2.4442

■ 75.1910, 13.7098,
-10.6915

■ 104.1850, -0.5842,
0.7148

■ 68.0920, 17.2096,
-13.2357

■ 111.2840, -4.0840,
3.2589

■ 60.9930, 20.7095,
-15.7799

■ 118.3830, -7.5838,
5.8031

■ 53.8940, 24.2093,
-18.3240

■ 125.7810,
-11.2310, 8.9621

■ 46.4960, 27.8565,
-21.4830

■ 132.8800,
-14.7308, 11.5062

■ 39.3970, 31.3563,
-24.0272

■ 139.9790,
-18.2306, 14.0504

■ 32.2980, 34.8561,

■ 147.0780,

-26.5713

-21.7305, 16.5946

■ 31.1130, 35.4403,
-27.2861

■ 154.4760,
-25.3777, 19.7535

Harmonies

Analogous

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



88.6550, 6.5791, -10.2214



89.6880, 6.5628, -4.9884



90.9770, 4.9413, 1.7742

Triad

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



89.6880, 6.5628, -4.9884



90.9260, -4.4005, 11.4659



87.7880, -1.8675, -7.7071

Complementary

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



89.6880, 6.5628, -4.9884



97.3120, -6.5628, 4.9884

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.



89.0230, -4.9413, -1.7742



89.6880, 6.5628, -4.9884



90.4480, -6.1369, 8.3771

Square

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



89.6880, 6.5628, -4.9884



91.1370, -1.0535, 11.2809



89.7140, -6.2680, 3.7588



87.6780, 1.6377, -11.9956

Rectangle

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



89.6880, 6.5628, -4.9884



90.9560, 3.4727, 6.1776



89.7140, -6.2680, 3.7588



88.1580, -3.0359, -6.2776

Sweetspot

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



89.6880, 6.5628, -4.9884



129.6730, 2.6262, -2.3442



96.6350, 0.1799, -11.0809



65.7440, 1.6052, -1.5295



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



89.6880, 6.5628, -4.9884



114.2900, 10.2100, -8.1473



87.0630, 7.8569, -0.0553



47.7440, 1.6052, -1.5295



34.2420, 39.8137, -30.0302



72.7870, 83.4220, -63.8342

Inverse Universe

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



90.3650, -0.1799, 11.0809



115.1100, -0.0542, 17.4435



99.9370, -7.8569, 0.0553



47.7230, 0.1366, 2.8739



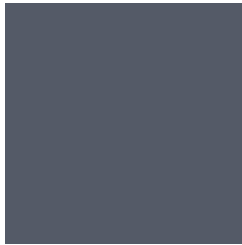
38.4890, -1.2271, 67.1001



81.0220, -2.4758, 141.1777

Previews

White Background



This preview shows how the YUV color 89.6880, 6.5628, -4.9884 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 89.6880, 6.5628, -4.9884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

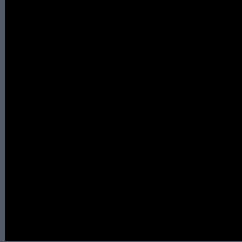
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

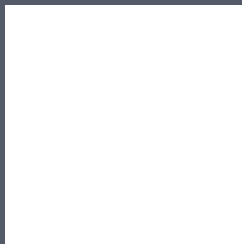
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 89.6880, 6.5628, -4.9884

Background



This preview shows how black text looks on a background with the YUV color 89.6880, 6.5628, -4.9884.



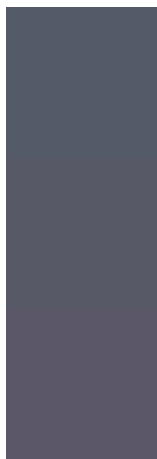
This preview shows how white text looks on a background with the YUV color 89.6880, 6.5628, -4.9884.

-4.9884.

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

89.6880, 6.5628, -4.9884

Protanopia

90.1830, 5.8258, -1.9145

Deuteranopia

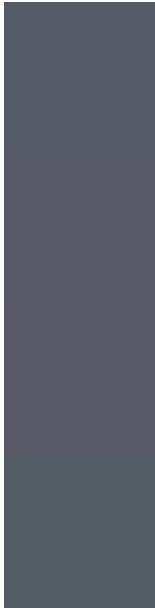
90.4330, 6.6885, 1.3743



Tritanopia

89.4060, 4.2368, -5.6181

Trichromacy



Original Color

89.6880, 6.5628, -4.9884

Protanomaly

89.8840, 5.9732, -2.5293

Deuteranomaly

90.1230, 6.8414, -0.9849

Tritanomaly

89.6340, 5.1104, -5.8180

Monochromacy



Original Color

89.6880, 6.5628, -4.9884

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9720, 2.4788, -1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6880, 6.5628, -4.9884 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(84, 90, 103)` looks like.

```
.text, #text, p{  
    color:rgb(84, 90, 103)  
}
```

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(84, 90, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 90, 103) }
```

Border

The CSS property to change the border of an element to YUV 89.6880, 6.5628, -4.9884 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(84, 90, 103) }
```


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

```
.border{ border-color:rgb(84, 90, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 90, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 90, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 90, 103);  
box-shadow:4px 4px 4px 4px rgb(84, 90,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 89.6880, 6.5628, -4.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 90, 103) }
```

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

```
.background{ background-color: rgb(84, 90,  
103) }
```

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