

Converting Colors

YUV(87.7710, 4.0569, 5.4628)

Have a look what the booklet for
YUV(87.7710, 4.0569, 5.4628)
contains.

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Color

**YUV(87.7710, 4.0569,
5.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5360
RGB	94, 83, 96
RGB Percent	37%, 33%, 38%
CMY	0.6314, 0.6745, 0.6235
CMYK	0.02, 0.14, 0.00, 0.62
HSL	291°, 7%, 35%
HSV	291°, 14%, 38%
XYZ	9.8207, 9.4107, 12.3652
YIQ	87.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

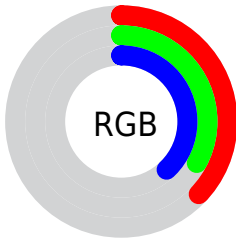
Format	Color
R_{YB}	94, 83, 96
Decimal	6181728
CIE Lab	36.76, 7.19, -5.88
CIE LCh	37, 9.293, 320.738
Yxy	9.4107, 0.3108, 0.2978
Android (android.graphics.Color)	4284371808 (0xFF5E5360)
YUV	87.7710, 4.0569, 5.4628
Hunter-Lab	30.6769, 3.4590, -2.4246

Details

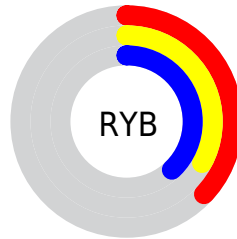
The YUV color **87.7710, 4.0569, 5.4628** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.2290, -4.0569, -5.4628**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1840, 4.3463, 5.9776**, and **42.3580, 3.7675, 4.9480** is the 20% darker color. If you saturate the color by 10%, you get **81.6020, 7.0982, 9.9960**, and if you desaturate by 10%, it is **93.9400, 1.0156, 0.9296**.

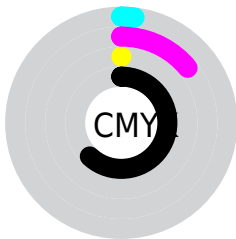
Distribution



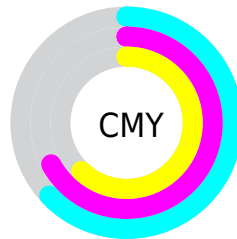
- Red (37%)
- Green (33%)
- Blue (38%)



- Red (37%)
- Yellow (33%)
- Blue (38%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (62%)



- Cyan (63%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7710, 4.0569, 5.4628 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 87.7710, 4.0569, 5.4628 by changing the saturation by 10% instead.

■ 87.7710, 4.0569,
5.4628

■ 87.7710, 4.0569,
5.4628

■ 255.0000, 0.0000,
0.0000

■ 64.3580, 3.7675,
4.9480

■ 137.1840, 4.3463,
5.9776

■ 42.3580, 3.7675,
4.9480

■ 164.1840, 4.3463,
5.9776

■ 21.9450, 3.4781,
4.4332

■ 191.1840, 4.3463,
5.9776

■ 0.1140, 0.4368,
-0.1000

■ 218.5970, 4.6357,
6.4924

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.7621,
6.6924

87.7710, 4.0569,
5.4628

87.7710, 4.0569,
5.4628

81.6020, 7.0982,
9.9960

93.9400, 1.0156,
0.9296

75.7210, 9.9975,
13.3997

99.8210, -1.8838,
-2.4740

69.5520, 13.0389,
17.9329

105.9900, -4.9251,
-7.0072

63.6710, 15.9382,
21.3365

111.8710, -7.8244,
-10.4109

57.5020, 18.9795,
25.8697

118.0400,
-10.8657, -14.9441

51.0340, 22.1682,
29.7882

124.5080,
-14.0544, -18.8625

45.4520, 24.9202,
33.8066

130.0900,
-16.8064, -22.8809

38.9840, 28.1089,

136.5580,

37.7250

-19.9951, -26.7994

■ 35.1630, 29.9926,
40.1990

■ 142.1400,
-22.7470, -30.8178

Harmonies

Analogous

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



86.7100, 6.5520, -1.4997



87.7710, 4.0569, 5.4628



88.1800, 0.4043, 10.3661

Triad

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



87.7710, 4.0569, 5.4628



86.5080, -7.1524, 7.4475



83.8240, 3.5378, -14.7546

Complementary

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



87.7710, 4.0569, 5.4628



91.2290, -4.0569, -5.4628

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.



84.2220, -0.1094, -11.5957



87.7710, 4.0569, 5.4628



85.8770, -6.8414, 0.9849

Square

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



87.7710, 4.0569, 5.4628



87.1710, -6.0003, 11.2510



84.9300, -3.9095, -6.0776



84.6330, 6.5899, -13.7101

Rectangle

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



87.7710, 4.0569, 5.4628



87.6210, -1.7852, 12.6104



84.9300, -3.9095, -6.0776



83.8950, 2.5168, -13.9399

Sweetspot

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



87.7710, 4.0569, 5.4628



121.7660, 1.5944, 1.9592



85.6560, 5.0996, -2.3293



61.9400, 1.0156, 0.9296



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



87.7710, 4.0569, 5.4628



112.3630, 6.2300, 8.4516



87.9130, 2.0149, 7.0923



45.6520, 1.1576, 2.0592



41.1730, 34.9177, 47.2063



88.0570, 74.9079, 100.8050

Inverse Universe

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



87.1150, -1.0427, 7.7921



111.3220, -1.6377, 11.9956



91.0870, -2.0149, -7.0923



45.1960, -0.5896, 2.4591



35.4260, -9.0840, 67.1554



75.9780, -19.2162, 143.8473

Previews

White Background



This preview shows how the YUV color 87.7710, 4.0569, 5.4628 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 87.7710, 4.0569, 5.4628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

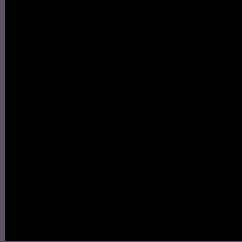
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.7710, 4.0569, 5.4628

Background



This preview shows how black text looks on a background with the YUV color 87.7710, 4.0569, 5.4628.



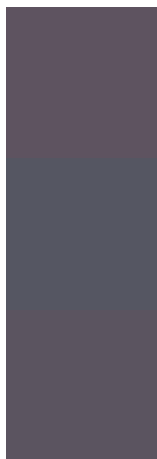
This preview shows how white text looks on a background with the YUV color 87.7710, 4.0569,

5.4628.

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

87.7710, 4.0569, 5.4628

Protanopia

87.0690, 5.3890, -1.8145

Deuteranopia

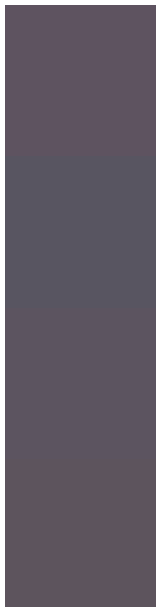
87.4610, 4.2097, 3.1037



Tritanopia

87.4890, 1.7309, 4.8331

Trichromacy



Original Color

87.7710, 4.0569, 5.4628

Protanomaly

87.2650, 4.7994, 0.6446

Deuteranomaly

87.7600, 4.0623, 3.7185

Tritanomaly

87.7170, 2.6045, 4.6332

Monochromacy



Original Color

87.7710, 4.0569, 5.4628

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7660, 1.5944, 1.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7710, 4.0569, 5.4628 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(94, 83, 96)` looks like.

```
.text, #text, p{  
  color:rgb(94, 83, 96)  
}
```

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(94, 83, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 83, 96) }
```

Border

The CSS property to change the border of an element to YUV 87.7710, 4.0569, 5.4628 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(94, 83, 96) }
```


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

```
.border{ border-color:rgb(94, 83, 96) }
```

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

Here you see how a box with a 4 pixel rgb(94, 83, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 83, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 83, 96);  
box-shadow:4px 4px 4px 4px rgb(94, 83, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.7710, 4.0569, 5.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 83, 96) }
```

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

```
.background{ background-color: rgb(94, 83,  
96) }
```

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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