

Converting Colors

YUV(85.7570, -4.8102, 2.8441)

Have a look what the booklet for
YUV(85.7570, -4.8102, 2.8441)
contains.

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Color

**YUV(85.7570, -4.8102,
2.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	59564C
RGB	89, 86, 76
RGB Percent	35%, 34%, 30%
CMY	0.6510, 0.6627, 0.7020
CMYK	0.00, 0.03, 0.15, 0.65
HSL	46°, 8%, 32%
HSV	46°, 15%, 35%
XYZ	8.7521, 9.3012, 8.1715
YIQ	85.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

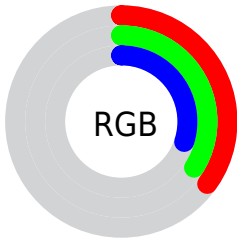
Format	Color
RYB	80, 89, 76
Decimal	5854796
CIELab	36.56, -0.76, 6.26
CIElCh	37, 6.301, 96.907
Yxy	9.3012, 0.3337, 0.3547
Android (android.graphics.Color)	4284044876 (0xFF59564C)
YUV	85.7570, -4.8102, 2.8441
Hunter-Lab	30.4979, -2.1464, 5.4626

Details

The YUV color **85.7570, -4.8102, 2.8441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79.2430, 4.8102, -2.8441**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6430, -5.2470, 2.9441**, and **40.5720, -4.2260, 2.1294** is the 20% darker color. If you saturate the color by 10%, you get **83.5570, -8.1626, 4.7735**, and if you desaturate by 10%, it is **87.9570, -1.4578, 0.9147**.

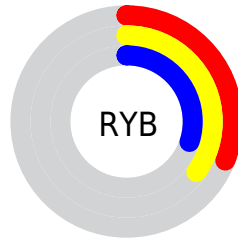
Distribution



Red (35%)

Green (34%)

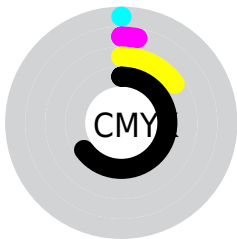
Blue (30%)



Red (31%)

Yellow (35%)

Blue (30%)

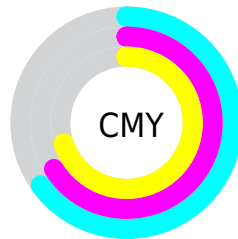


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (65%)



Cyan (65%)

Magenta (66%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7570, -4.8102, 2.8441 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 85.7570, -4.8102, 2.8441 by changing the saturation by 10% instead.

■ 85.7570, -4.8102,
2.8441

■ 85.7570, -4.8102,
2.8441

255.0000, 0.0000,
0.0000

■ 62.7570, -4.8102,
2.8441

■ 135.6430, -5.2470,
2.9441

■ 40.5720, -4.2260,
2.1294

■ 161.6430, -5.2470,
2.9441

■ 20.2300, -5.5364,
2.4293

■ 188.8280, -5.8312,
3.6588

■ 0.0000, 0.0000,
0.0000

■ 216.5290, -5.6838,
3.0441

■ 244.8280, -5.8312,
3.6588

■ 85.7570, -4.8102,
2.8441

■ 85.7570, -4.8102,
2.8441

■ 83.5570, -8.1626,
4.7735

■ 87.9570, -1.4578,
0.9147

■ 81.3570, -11.5150,
6.7029

■ 90.1570, 1.8946,
-1.0147

■ 79.1570, -14.8674,
8.6323

■ 92.3570, 5.2470,
-2.9441

■ 76.9570, -18.2198,
10.5617

■ 94.5570, 8.5994,
-4.8735

■ 74.8710, -21.1354,
12.3911

■ 96.7570, 11.9518,
-6.8029

■ 72.6710, -24.4878,
14.3205

■ 98.8430, 14.8674,
-8.6323

■ 70.4710, -27.8402,
16.2499

■ 101.0430, 18.2198,
-10.5617

■ 68.2710, -31.1926,

■ 103.2430, 21.5722,

18.1793

-12.4911

■ 66.5270, -32.7978,
19.7088

■ 105.4430, 24.9246,
-14.4205

Harmonies

Analogous

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



86.1920, -4.5317, 6.8476



85.7570, -4.8102, 2.8441



85.3650, -3.6309, -2.0741

Triad

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



85.7570, -4.8102, 2.8441



84.8570, 3.5215, -9.5216



87.0870, 1.4361, 6.0627

Complementary

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



85.7570, -4.8102, 2.8441



79.2430, 4.8102, -2.8441

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.



86.3360, 3.7784, 1.4593



85.7570, -4.8102, 2.8441



85.5090, 4.6791, -7.4624

Square

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



85.7570, -4.8102, 2.8441



84.2870, 1.3375, -9.0217



85.9440, 4.9576, -3.4589



87.4140, -1.1901, 8.4069

Rectangle

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



85.7570, -4.8102, 2.8441



84.3970, -2.1677, -4.7332



85.9440, 4.9576, -3.4589



86.7170, 2.6045, 4.6332

Sweetspot

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



85.7570, -4.8102, 2.8441



113.8430, -1.8946, 1.0147



80.2290, -0.6059, 7.6922



58.0710, -1.0210, 0.8147



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



85.7570, -4.8102, 2.8441



109.6710, -7.7258, 4.6735



86.6210, -5.2362, -0.5446



41.9570, -1.4578, 0.9147



80.1270, -39.5026, 23.5676



175.9250, -86.7310, 51.8088

Inverse Universe

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



79.2430, 4.8102, -2.8441



99.3290, 7.7258, -4.6735



78.3790, 5.2362, 0.5446



40.0430, 1.4578, -0.9147



26.8730, 39.5026, -23.5676



58.4880, 87.0204, -51.2940

Previews

White Background



This preview shows how the YUV color 85.7570, -4.8102, 2.8441 looks on a white background.

Color Contrast Check

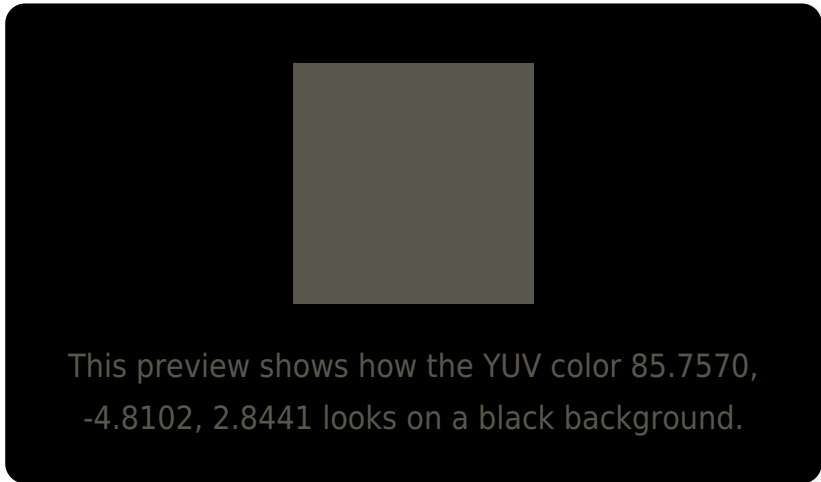
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

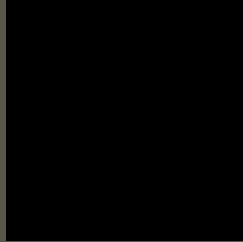
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.7570, -4.8102, 2.8441

Background



This preview shows how black text looks on a background with the YUV color 85.7570, -4.8102, 2.8441.



This preview shows how white text looks on a background with the YUV color 85.7570, -4.8102,

2.8441.

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

85.7570, -4.8102, 2.8441

Protanopia

86.0560, -4.9576, 3.4589

Deuteranopia

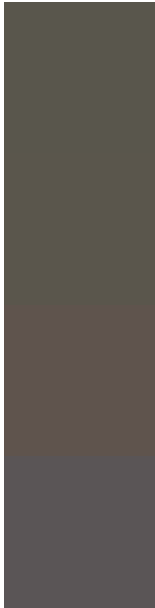
86.8010, -4.8319, 9.8215



Tritanopia

86.8910, 2.0257, 3.6036

Trichromacy



Original Color

85.7570, -4.8102, 2.8441

Protanomaly

86.0560, -4.9576, 3.4589

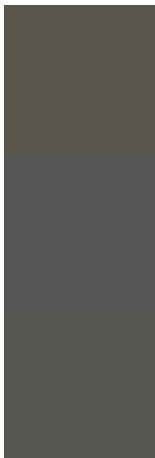
Deuteranomaly

86.4910, -4.6791, 7.4624

Tritanomaly

86.6090, -0.3002, 2.9739

Monochromacy



Original Color

85.7570, -4.8102, 2.8441

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7570, -4.8102, 2.8441 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(89, 86, 76)` looks like.

```
.text, #text, p{  
    color:rgb(89, 86, 76)  
}
```

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(89, 86, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 86, 76) }
```

Border

The CSS property to change the border of an element to YUV 85.7570, -4.8102, 2.8441 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(89, 86, 76) }
```


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

```
.border{ border-color:rgb(89, 86, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 86, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 86, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 86, 76);  
box-shadow:4px 4px 4px 4px rgb(89, 86, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.7570, -4.8102, 2.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 86, 76) }
```

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

```
.background{ background-color: rgb(89, 86,  
76) }
```

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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