

Converting Colors

YUV(84.8510, -10.7725, 1.8847)

Have a look what the booklet for
YUV(84.8510, -10.7725, 1.8847)
contains.

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Color

**YUV(84.8510, -10.7725,
1.8847)**

Conversions

Conversions Part 1

Format	Color
Hex	57583F
RGB	87, 88, 63
RGB Percent	34%, 35%, 25%
CMY	0.6588, 0.6549, 0.7529
CMYK	0.01, 0.00, 0.28, 0.65
HSL	62°, 17%, 30%
HSV	62°, 28%, 35%
XYZ	8.3174, 9.3646, 6.0718
YIQ	84.8510, 7.4290, -7.9870

Conversions

Conversions Part 2

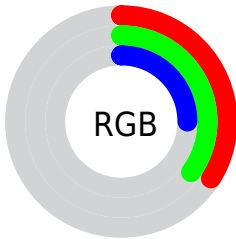
Format	Color
RYB	63, 88, 64
Decimal	5724223
CIELab	36.68, -5.07, 14.41
CIELCh	37, 15.279, 109.390
Yxy	9.3646, 0.3502, 0.3942
Android (android.graphics.Color)	4283914303 (0xFF57583F)
YUV	84.8510, -10.7725, 1.8847
Hunter-Lab	30.6016, -5.0371, 9.6571

Details

The YUV color **84.8510, -10.7725, 1.8847** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.1490, 10.7725, -1.8847**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6230, -11.6461, 2.0846**, and **39.7800, -9.7515, 1.0699** is the 20% darker color. If you saturate the color by 10%, you get **83.8250, -14.7037, 2.7845**, and if you desaturate by 10%, it is **85.8770, -6.8414, 0.9849**.

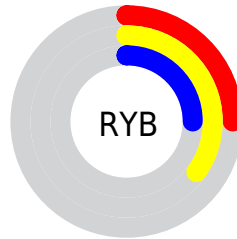
Distribution



Red (34%)

Green (35%)

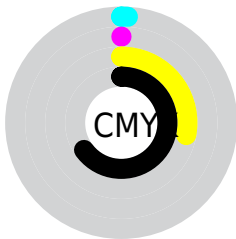
Blue (25%)



Red (25%)

Yellow (35%)

Blue (25%)

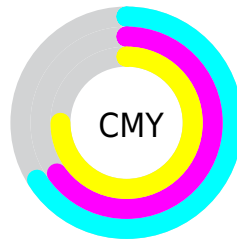


Cyan (1%)

Magenta (0%)

Yellow (28%)

Black (65%)



Cyan (66%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8510, -10.7725, 1.8847 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 84.8510, -10.7725, 1.8847 by changing the saturation by 10% instead.

■ 84.8510, -10.7725,
1.8847

■ 84.8510, -10.7725,
1.8847

■ 255.0000, 0.0000,
0.0000

■ 61.6660, -10.1883,
1.1699

■ 134.6230,
-11.6461, 2.0846

■ 39.7800, -9.7515,
1.0699

■ 160.8080,
-12.2303, 2.7994

■ 19.1930, -9.4621,
1.5847

■ 187.8080,
-12.2303, 2.7994

■ 0.0000, 0.0000,
0.0000

■ 215.6940,
-12.6671, 2.8994

■ 243.5800,
-13.1039, 2.9993

■ 253.9740, -3.9312,

0.8998

■ 84.8510, -10.7725,
1.8847

■ 84.8510, -10.7725,
1.8847

■ 83.8250, -14.7037,
2.7845

■ 85.8770, -6.8414,
0.9849

■ 82.5000, -18.4875,
3.0695

■ 87.2020, -3.0576,
0.6998

■ 81.5880, -21.9819,
3.8693

■ 88.1140, 0.4368,
-0.1000

■ 80.5620, -25.9131,
4.7691

■ 89.1400, 4.3680,
-0.9998

■ 79.2370, -29.6968,
5.0542

■ 90.4650, 8.1518,
-1.2848

■ 78.2110, -33.6280,
5.9540

■ 91.4910, 12.0829,
-2.1846

■ 77.1850, -37.5592,
6.8538

■ 92.5170, 16.0141,
-3.0844

■ 76.7720, -37.8486,
6.3390

■ 93.7280, 19.3611,
-3.2695

■ 94.7540, 23.2923,
-4.1693

Harmonies

Analogous

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



85.9770, -11.8207, 11.4212



84.8510, -10.7725, 1.8847



83.2240, -6.5194, -8.9664

Triad

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



84.8510, -10.7725, 1.8847



81.7070, 10.9904, -25.1760



88.4520, 1.2562, 17.1436

Complementary

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



84.8510, -10.7725, 1.8847



66.1490, 10.7725, -1.8847

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.



88.4770, 6.6668, 8.3517



84.8510, -10.7725, 1.8847



84.2180, 12.7105, -16.8542

Square

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



84.8510, -10.7725, 1.8847



80.5560, 6.6279, -25.9206



86.8390, 10.9254, -4.2438



87.9810, -4.4276, 20.1877

Rectangle

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



84.8510, -10.7725, 1.8847



81.9180, -2.4246, -15.7141



86.8390, 10.9254, -4.2438



88.0110, 3.4456, 14.8994

Sweetspot

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



84.8510, -10.7725, 1.8847



113.4470, -4.6574, 0.4850



71.0620, -3.9746, 14.8546



57.9030, -2.9102, 0.0851



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.



84.8510, -10.7725, 1.8847



109.9560, -16.7403, 2.6696



81.2630, -9.0037, -5.4927



42.5440, -1.7472, 0.3999



93.6060, -46.1478, 8.2385



205.2200, -101.1735, 17.3471

Inverse Universe

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



66.1490, 10.7725, -1.8847



80.7450, 16.8877, -3.2844



69.7370, 9.0037, 5.4927



39.4560, 1.7472, -0.3999



13.3940, 46.1478, -8.2385



29.4810, 101.3209, -17.9618

Previews

White Background



This preview shows how the YUV color 84.8510, -10.7725, 1.8847 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 84.8510, -10.7725, 1.8847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

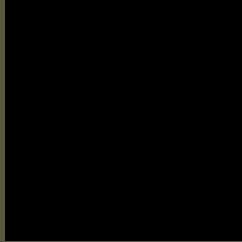
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8510, -10.7725, 1.8847

Background



This preview shows how black text looks on a background with the YUV color 84.8510, -10.7725, 1.8847.

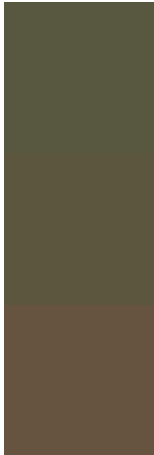


This preview shows how white text looks on a background with the YUV color 84.8510, -10.7725,

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

84.8510, -10.7725, 1.8847

Protanopia

85.3570, -11.5150, 6.7029

Deuteranopia

86.5150, -11.0999, 13.5803



Tritanopia

86.8910, 2.0257, 3.6036

Trichromacy



Original Color

84.8510, -10.7725, 1.8847

Protanomaly

85.3460, -11.5096, 4.9586

Deuteranomaly

86.1940, -10.9416, 9.4769

Tritanomaly

86.0390, -2.4842, 3.4738

Monochromacy



Original Color

84.8510, -10.7725, 1.8847

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9740, -3.9312, 0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8510, -10.7725, 1.8847 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(87, 88, 63)` looks like.

```
.text, #text, p{  
    color:rgb(87, 88, 63)  
}
```

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(87, 88, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 88, 63) }
```

Border

The CSS property to change the border of an element to YUV 84.8510, -10.7725, 1.8847 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(87, 88, 63) }
```


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

```
.border{ border-color:rgb(87, 88, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 88, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 88, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 88, 63);  
box-shadow:4px 4px 4px 4px rgb(87, 88, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.8510, -10.7725, 1.8847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 88, 63) }
```

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

```
.background{ background-color: rgb(87, 88,  
63) }
```

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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