

Converting Colors

YUV(84.7510, -5.7932, -8.5516)

Have a look what the booklet for
YUV(84.7510, -5.7932, -8.5516)
contains.

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Color

**YUV(84.7510, -5.7932,
-8.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5C49
RGB	75, 92, 73
RGB Percent	29%, 36%, 29%
CMY	0.7059, 0.6392, 0.7137
CMYK	0.18, 0.00, 0.21, 0.64
HSL	114°, 12%, 32%
HSV	114°, 21%, 36%
XYZ	7.9314, 9.6312, 7.7443
YIQ	84.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

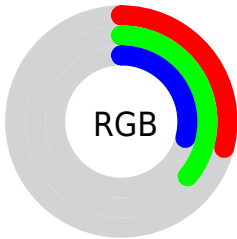
Format	Color
RYB	73, 92, 90
Decimal	4938825
CIELab	37.17, -10.70, 8.81
CIElCh	37, 13.858, 140.519
Yxy	9.6312, 0.3134, 0.3806
Android (android.graphics.Color)	4283128905 (0xFF4B5C49)
YUV	84.7510, -5.7932, -8.5516
Hunter-Lab	31.0342, -8.6905, 6.9286

Details

The YUV color **84.7510, -5.7932, -8.5516** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **80.2490, 5.7932, 8.5516**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3380, -6.0826, -9.0664**, and **39.5770, -5.2145, -7.5220** is the 20% darker color. If you saturate the color by 10%, you get **81.3330, -8.5452, -12.5700**, and if you desaturate by 10%, it is **88.1690, -3.0413, -4.5332**.

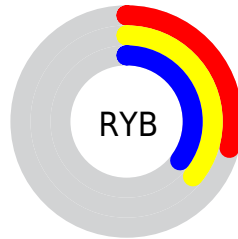
Distribution



Red (29%)

Green (36%)

Blue (29%)



Red (29%)

Yellow (36%)

Blue (35%)

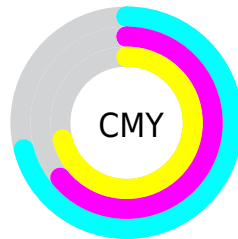


Cyan (18%)

Magenta (0%)

Yellow (21%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7510, -5.7932, -8.5516 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 84.7510, -5.7932, -8.5516 by changing the saturation by 10% instead.

■ 84.7510, -5.7932,
-8.5516

■ 84.7510, -5.7932,
-8.5516

255.0000, 0.0000,
0.0000

■ 61.1640, -5.5039,
-8.0368

■ 134.3380, -6.0826,
-9.0664

■ 39.5770, -5.2145,
-7.5220

■ 160.8110, -6.8088,
-9.4812

■ 18.1100, -6.9562,
-8.8665

■ 187.8110, -6.8088,
-9.4812

■ 0.0000, 0.0000,
0.0000

■ 215.3980, -7.0982,
-9.9960

■ 243.9850, -7.3876,
-10.5108

■ 84.7510, -5.7932,
-8.5516

■ 84.7510, -5.7932,
-8.5516

■ 81.3330, -8.5452,
-12.5700

■ 88.1690, -3.0413,
-4.5332

■ 77.9150, -11.2971,
-16.5885

■ 91.5870, -0.2894,
-0.5148

■ 74.0840, -14.3384,
-21.1217

■ 95.4180, 2.7519,
4.0184

■ 70.6660, -17.0903,
-25.1401

■ 98.8360, 5.5039,
8.0368

■ 67.2480, -19.8423,
-29.1585

■ 102.2540, 8.2558,
12.0552

■ 63.8300, -22.5942,
-33.1769

■ 105.6720, 11.0077,
16.0737

■ 60.1130, -25.1987,
-37.8101

■ 109.3890, 13.6122,
20.7068

■ 56.9940, -28.0980,

■ 112.9210, 16.8009,

-41.2137

24.6253

■ 116.3390, 19.5529,
28.6437

Harmonies

Analogous

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



86.0790, -9.8989, 1.6847



84.7510, -5.7932, -8.5516



83.4770, -0.2352, -17.9583

Triad

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



84.7510, -5.7932, -8.5516



86.1860, 11.2473, -14.1951



89.2690, -4.5696, 19.0581

Complementary

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



84.7510, -5.7932, -8.5516



80.2490, 5.7932, 8.5516

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.



89.6260, 0.6774, 16.1140



84.7510, -5.7932, -8.5516



88.2090, 9.7570, -2.8143

Square

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



84.7510, -5.7932, -8.5516



83.2020, 10.2534, -22.1022



89.0640, 6.3774, 7.8369



88.2210, -8.4900, 16.4692

Rectangle

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



84.7510, -5.7932, -8.5516



82.8940, 3.9963, -21.8320



89.0640, 6.3774, 7.8369



88.8390, -2.3856, 18.5582

Sweetspot

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



84.7510, -5.7932, -8.5516



117.1090, -2.0257, -3.6036



88.6600, -7.7204, 2.9292



59.3480, -1.1576, -2.0592



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



84.7510, -5.7932, -8.5516



108.5070, -9.1240, -13.5996



84.9510, -2.4408, -10.4810



44.2340, -1.5944, -1.9592



68.1580, -33.6019, -49.2506



146.5940, -72.2708, -106.6379

Inverse Universe

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



80.2490, 5.7932, 8.5516



101.4930, 9.1240, 13.5996



80.0490, 2.4408, 10.4810



42.7660, 1.5944, 1.9592



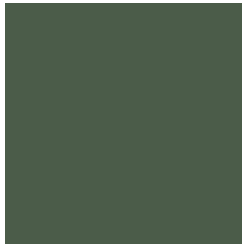
41.8420, 33.6019, 49.2506



90.4060, 72.2708, 106.6379

Previews

White Background



This preview shows how the YUV color 84.7510, -5.7932, -8.5516 looks on a white background.

Color Contrast Check

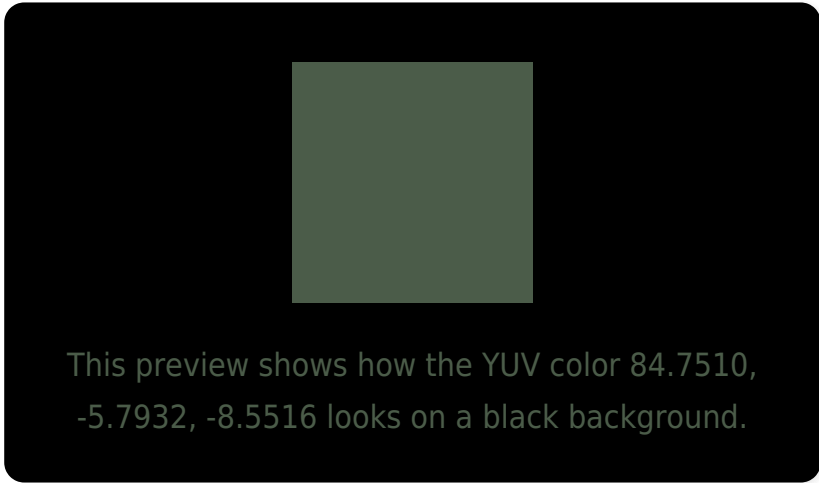
Large Text (above 18pt) WCAG AA ✓ Pass

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

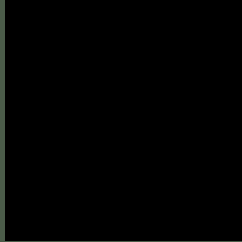
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7510, -5.7932, -8.5516

Background



This preview shows how black text looks on a background with the YUV color 84.7510, -5.7932, -8.5516.



This preview shows how white text looks on a background with the YUV color 84.7510, -5.7932, -8.5516.

-8.5516.

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

84.7510, -5.7932, -8.5516

Protanopia

86.9700, -7.8732, 5.2883

Deuteranopia

87.7580, -6.2897, 10.7362



Tritanopia

86.8080, 4.5317, -6.8476

Trichromacy



Original Color

84.7510, -5.7932, -8.5516

Protanomaly

86.1650, -6.9833, -0.1447

Deuteranomaly

86.7140, -6.2680, 3.7588

Tritanomaly

86.1840, 0.8953, -7.1774

Monochromacy



Original Color

84.7510, -5.7932, -8.5516

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7510, -5.7932, -8.5516 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(75, 92, 73)` looks like.

```
.text, #text, p{  
    color:rgb(75, 92, 73)  
}
```

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(75, 92, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 92, 73) }
```

Border

The CSS property to change the border of an element to YUV 84.7510, -5.7932, -8.5516 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(75, 92, 73) }
```


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

```
.border{ border-color:rgb(75, 92, 73) }
```

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

Here you see how a box with a 4 pixel rgb(75, 92, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 92, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 92, 73);  
box-shadow:4px 4px 4px 4px rgb(75, 92, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.7510, -5.7932, -8.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 92, 73) }
```

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

```
.background{ background-color: rgb(75, 92,  
73) }
```

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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