

Converting Colors

YUV(86.7080, -7.2510, -7.6369)

Have a look what the booklet for
YUV(86.7080, -7.2510, -7.6369)
contains.

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Color

**YUV(86.7080, -7.2510,
-7.6369)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5E48
RGB	78, 94, 72
RGB Percent	31%, 37%, 28%
CMY	0.6941, 0.6314, 0.7176
CMYK	0.17, 0.00, 0.23, 0.63
HSL	104°, 13%, 33%
HSV	104°, 23%, 37%
XYZ	8.3143, 10.0930, 7.6408
YIQ	86.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

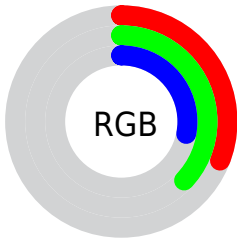
Format	Color
R_{YB}	72, 94, 88
Decimal	5135944
CIE _{Lab}	38.01, -10.84, 10.62
CIE _{LCh}	38, 15.179, 135.579
Yxy	10.0930, 0.3192, 0.3875
Android (android.graphics.Color)	4283326024 (0xFF4E5E48)
YUV	86.7080, -7.2510, -7.6369
Hunter-Lab	31.7695, -8.8819, 7.9789

Details

The YUV color **86.7080, -7.2510, -7.6369** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79.2920, 7.2510, 7.6369**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2950, -7.5404, -8.1517**, and **41.2350, -6.5249, -7.2221** is the 20% darker color. If you saturate the color by 10%, you get **83.5890, -10.1504, -11.0406**, and if you desaturate by 10%, it is **89.8270, -4.3517, -4.2333**.

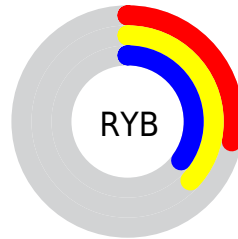
Distribution



Red (31%)

Green (37%)

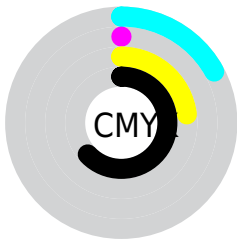
Blue (28%)



Red (28%)

Yellow (37%)

Blue (35%)

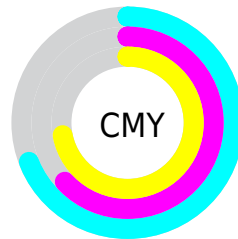


Cyan (17%)

Magenta (0%)

Yellow (23%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7080, -7.2510, -7.6369 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 86.7080, -7.2510, -7.6369 by changing the saturation by 10% instead.

86.7080, -7.2510,
-7.6369

86.7080, -7.2510,
-7.6369

255.0000, 0.0000,
0.0000

63.1210, -6.9617,
-7.1221

136.2950, -7.5404,
-8.1517

41.2350, -6.5249,
-7.2221

162.7680, -8.2666,
-8.5665

20.0780, -8.4195,
-6.2074

189.7680, -8.2666,
-8.5665

0.0000, 0.0000,
0.0000

217.6540, -8.7034,
-8.4666

246.2410, -8.9928,
-8.9814

■ 86.7080, -7.2510,
-7.6369

■ 86.7080, -7.2510,
-7.6369

■ 83.5890, -10.1504,
-11.0406

■ 89.8270, -4.3517,
-4.2333

■ 80.3560, -13.4865,
-14.3442

■ 93.0600, -1.0156,
-0.9296

■ 77.2370, -16.3858,
-17.7478

■ 96.1790, 1.8838,
2.4740

■ 74.3030, -19.8694,
-20.4367

■ 99.1130, 5.3673,
5.1629

■ 71.1840, -22.7687,
-23.8404

■ 102.2320, 8.2666,
8.5665

■ 68.0650, -25.6680,
-27.2440

■ 105.3510, 11.1660,
11.9702

■ 64.8320, -29.0042,
-30.5477

■ 108.5840, 14.5021,
15.2738

■ 62.9520, -31.0353,

■ 111.7030, 17.4014,

-32.4069

18.6775

■ 114.9360, 20.7376,
21.9811

Harmonies

Analogous

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



88.4490, -11.0674, 3.1142



86.7080, -7.2510, -7.6369



85.2490, -1.1088, -17.7584

Triad

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



86.7080, -7.2510, -7.6369



86.9190, 12.8579, -17.4690



91.3940, -4.1382, 20.7025

Complementary

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



86.7080, -7.2510, -7.6369



79.2920, 7.2510, 7.6369

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.



91.3810, 2.2772, 16.3289



86.7080, -7.2510, -7.6369



89.3550, 11.6570, -5.5733

Square

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



86.7080, -7.2510, -7.6369



84.4080, 11.1379, -25.7908



91.1070, 7.8352, 6.9222



90.4170, -9.0796, 18.9283

Rectangle

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



86.7080, -7.2510, -7.6369



83.7690, 3.5649, -23.4764



91.1070, 7.8352, 6.9222



91.6650, -1.8068, 19.5878

Sweetspot

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



86.7080, -7.2510, -7.6369



119.2940, -2.6099, -2.8888



87.9700, -7.8732, 5.2883



59.5330, -1.7418, -1.3444



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.



86.7080, -7.2510, -7.6369



110.6490, -11.1660, -11.9702



85.4840, -4.1826, -11.8255



44.5330, -1.7418, -1.3444



73.5400, -36.2552, -38.1846



158.5540, -78.1671, -82.0469

Inverse Universe

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



79.2920, 7.2510, 7.6369



99.3510, 11.1660, 11.9702



80.5160, 4.1826, 11.8255



42.7660, 1.5944, 1.9592



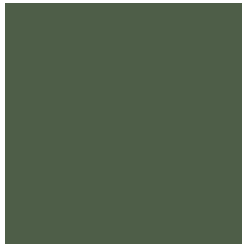
36.4600, 36.2552, 38.1846



78.4460, 78.1671, 82.0469

Previews

White Background



This preview shows how the YUV color 86.7080, -7.2510, -7.6369 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 86.7080, -7.2510, -7.6369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

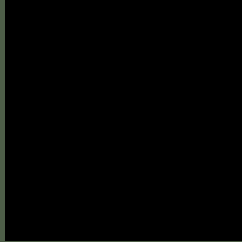
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7080, -7.2510, -7.6369

Background



This preview shows how black text looks on a background with the YUV color 86.7080, -7.2510, -7.6369.



This preview shows how white text looks on a background with the YUV color 86.7080, -7.2510,

-7.6369.

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

86.7080, -7.2510, -7.6369

Protanopia

88.6280, -9.1836, 5.5882

Deuteranopia

89.7150, -7.7475, 11.6509



Tritanopia

89.1070, 4.3842, -6.2328

Trichromacy



Original Color

86.7080, -7.2510, -7.6369

Protanomaly

88.1220, -8.4411, 0.7700

Deuteranomaly

88.6710, -7.7258, 4.6735

Tritanomaly

88.3690, 0.3111, -6.4626

Monochromacy



Original Color

86.7080, -7.2510, -7.6369

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2940, -2.6099, -2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7080, -7.2510, -7.6369 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(78, 94, 72)` looks like.

```
.text, #text, p{  
    color:rgb(78, 94, 72)  
}
```

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(78, 94, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 94, 72) }
```

Border

The CSS property to change the border of an element to YUV 86.7080, -7.2510, -7.6369 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(78, 94, 72) }
```


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

```
.border{ border-color:rgb(78, 94, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 94, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 94, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 94, 72);  
box-shadow:4px 4px 4px 4px rgb(78, 94, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.7080, -7.2510, -7.6369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 94, 72) }
```

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

```
.background{ background-color: rgb(78, 94,  
72) }
```

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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