

Converting Colors

YUV(86.4000, -13.5082, -7.3668)

Have a look what the booklet for
YUV(86.4000, -13.5082, -7.3668)
contains.

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Color

**YUV(86.4000, -13.5082,
-7.3668)**

Conversions

Conversions Part 1

Format	Color
Hex	4E603B
RGB	78, 96, 59
RGB Percent	31%, 38%, 23%
CMY	0.6941, 0.6235, 0.7686
CMYK	0.19, 0.00, 0.39, 0.62
HSL	89°, 24%, 30%
HSV	89°, 39%, 38%
XYZ	8.1142, 10.3012, 5.6983
YIQ	86.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

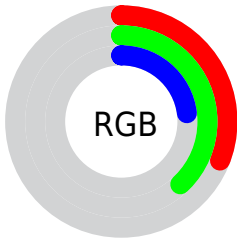
Format	Color
RYB	59, 96, 77
Decimal	5136443
CIELab	38.38, -14.23, 18.94
CIELCh	38, 23.692, 126.905
Yxy	10.3012, 0.3365, 0.4272
Android (android.graphics.Color)	4283326523 (0xFF4E603B)
YUV	86.4000, -13.5082, -7.3668
Hunter-Lab	32.0955, -11.0399, 11.9403

Details

The YUV color $86.4000, -13.5082, -7.3668$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $68.6000, 13.5082, 7.3668$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $136.7590, -14.6712, -7.6816$, and $40.7420, -12.1978, -7.6667$ is the 20% darker color. If you saturate the color by 10%, you get $83.7650, -17.1391, -9.4409$, and if you desaturate by 10%, it is $89.0350, -9.8773, -5.2927$.

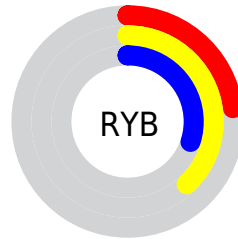
Distribution



Red (31%)

Green (38%)

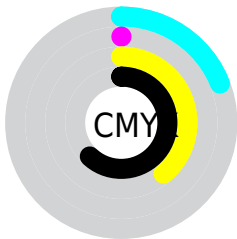
Blue (23%)



Red (23%)

Yellow (38%)

Blue (30%)

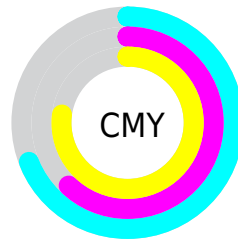


Cyan (19%)

Magenta (0%)

Yellow (39%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4000, -13.5082, -7.3668 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 86.4000, -13.5082, -7.3668 by changing the saturation by 10% instead.

■ 86.4000, -13.5082,
-7.3668

■ 86.4000, -13.5082,
-7.3668

■ 255.0000, 0.0000,
0.0000

■ 62.9270, -12.7820,
-6.9520

■ 136.7590,
-14.6712, -7.6816

■ 40.7420, -12.1978,
-7.6667

■ 162.6450,
-15.1080, -7.5817

■ 20.0130, -9.8664,
-8.7814

■ 190.1180,
-15.8342, -7.9965

■ 0.0000, 0.0000,
0.0000

■ 218.0040,
-16.2710, -7.8965

■ 244.8300,
-15.6922, -6.8669

■ 253.4040, -6.1152,

1.3997

■ 86.4000, -13.5082,
-7.3668

■ 86.4000, -13.5082,
-7.3668

■ 83.7650, -17.1391,
-9.4409

■ 89.0350, -9.8773,
-5.2927

■ 81.5430, -20.4807,
-11.0002

■ 91.2570, -6.5357,
-3.7334

■ 78.9080, -24.1116,
-13.0743

■ 93.8920, -2.9048,
-1.6593

■ 76.3870, -27.3058,
-15.2484

■ 96.4130, 0.2894,
0.5148

■ 74.0510, -31.0841,
-16.7077

■ 98.7490, 4.0677,
1.9741

■ 71.4160, -34.7151,
-18.7818

■ 101.3840, 7.6987,
4.0482

■ 71.0030, -35.0045,
-19.2966

■ 103.9050, 10.8928,
6.2223

■ 106.2410, 14.6712,
7.6816

■ 108.7620, 17.8653,
9.8557

Harmonies

Analogous

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



88.9460, -18.2144, 8.8174



86.4000, -13.5082, -7.3668



82.8090, -3.8498, -25.2655

Triad

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



86.4000, -13.5082, -7.3668



81.3660, 21.5116, -39.7860



91.9160, -2.4236, 30.7687

Complementary

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



86.4000, -13.5082, -7.3668



68.6000, 13.5082, 7.3668

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.



93.1520, 6.3341, 21.7917



86.4000, -13.5082, -7.3668



88.9390, 19.2571, -16.6095

Square

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



86.4000, -13.5082, -7.3668



74.2730, 19.0924, -57.2444



92.4040, 14.0978, 4.9077



91.2120, -11.4435, 30.5091

Rectangle

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



86.4000, -13.5082, -7.3668



79.7950, 4.0451, -37.5312



92.4040, 14.0978, 4.9077



92.5890, 0.2026, 28.4244

Sweetspot

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



86.4000, -13.5082, -7.3668



121.1970, -5.5201, -2.8038



80.6290, -10.6631, 13.4804



61.4790, -3.1941, -2.1741



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.



86.4000, -13.5082, -7.3668



110.0160, -21.2069, -11.4150



81.0180, -10.8549, -18.4328



46.9460, -1.4524, -0.8296



83.0860, -40.9614, -22.0004



177.6570, -87.5849, -47.9342

Inverse Universe

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



68.6000, 13.5082, 7.3668



81.9840, 21.2069, 11.4150



73.9820, 10.8549, 18.4328



45.0540, 1.4524, 0.8296



29.2130, 40.8140, 22.6152



62.3430, 87.5849, 47.9342

Previews

White Background



This preview shows how the YUV color 86.4000, -13.5082, -7.3668 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 86.4000, -13.5082, -7.3668 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 86.4000, -13.5082, -7.3668

Background



This preview shows how black text looks on a background with the YUV color 86.4000, -13.5082, -7.3668.



This preview shows how white text looks on a background with the YUV color 86.4000, -13.5082, -7.3668.

-7.3668.

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

86.4000, -13.5082, -7.3668

Protanopia

88.6300, -15.5936, 8.2175

Deuteranopia

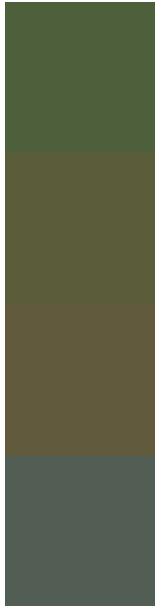
89.7280, -14.1629, 16.0245



Tritanopia

89.8190, 4.5262, -5.1033

Trichromacy



Original Color

86.4000, -13.5082, -7.3668

Protanomaly

87.8250, -14.7037, 2.7845

Deuteranomaly

88.6730, -14.1358, 7.3028

Tritanomaly

88.6850, -2.3097, -5.8627

Monochromacy



Original Color

86.4000, -13.5082, -7.3668

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.3110, -5.0833, -2.9037

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4000, -13.5082, -7.3668 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, 96, 59)` looks like.

```
.text, #text, p{  
    color:rgb(78, 96, 59)  
}
```

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, 96, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 96, 59) }
```

Border

The CSS property to change the border of an element to YUV 86.4000, -13.5082, -7.3668 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, 96, 59) }
```


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

```
.border{ border-color:rgb(78, 96, 59) }
```

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

Here you see how a box with a 4 pixel rgb(78, 96, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 96, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 96, 59);  
box-shadow:4px 4px 4px 4px rgb(78, 96, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.4000, -13.5082, -7.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 96, 59) }
```

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

```
.background{ background-color: rgb(78, 96,  
59) }
```

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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