

Converting Colors

YUV(86.8890, -1.9173, -38.4907)

Have a look what the booklet for
YUV(86.8890, -1.9173, -38.4907)
contains.

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Color

**YUV(86.8890, -1.9173,
-38.4907)**

Conversions

Conversions Part 1

Format	Color
Hex	2B6E53
RGB	43, 110, 83
RGB Percent	17%, 43%, 33%
CMY	0.8314, 0.5686, 0.6745
CMYK	0.61, 0.00, 0.25, 0.57
HSL	156°, 44%, 30%
HSV	156°, 61%, 43%
XYZ	8.1335, 12.2900, 10.1271
YIQ	86.8890, -31.2650, -22.6010

Conversions

Conversions Part 2

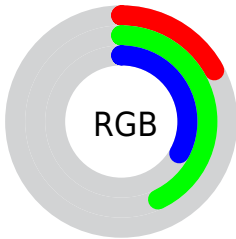
Format	Color
RYB	43, 85, 110
Decimal	2846291
CIELab	41.67, -28.26, 8.82
CIELCh	42, 29.602, 162.664
Yxy	12.2900, 0.2662, 0.4023
Android (android.graphics.Color)	4281036371 (0xFF2B6E53)
YUV	86.8890, -1.9173, -38.4907
Hunter-Lab	35.0571, -19.9364, 7.4125

Details

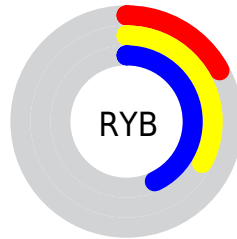
The YUV color **86.8890, -1.9173, -38.4907** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66.1110, 1.9173, 38.4907**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5470, -3.2277, -38.1907**, and **40.7260, -1.3439, -35.7167** is the 20% darker color. If you saturate the color by 10%, you get **83.1440, -2.0430, -44.8533**, and if you desaturate by 10%, it is **90.6340, -1.7916, -32.1280**.

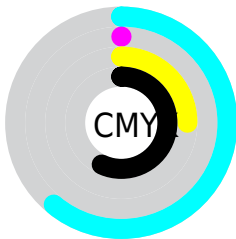
Distribution



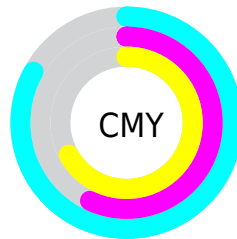
- Red (17%)
- Green (43%)
- Blue (33%)



- Red (17%)
- Yellow (33%)
- Blue (43%)



- Cyan (61%)
- Magenta (0%)
- Yellow (25%)
- Black (57%)



- Cyan (83%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8890, -1.9173, -38.4907 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 86.8890, -1.9173, -38.4907 by changing the saturation by 10% instead.

86.8890, -1.9173,
-38.4907

86.8890, -1.9173,
-38.4907

255.0000, 0.0000,
0.0000

60.3230, -0.1592,
-42.3793

138.5470, -3.2277,
-38.1907

40.7260, -1.3439,
-35.7167

165.5470, -3.2277,
-38.1907

24.9450, -3.4239,
-21.8768

193.1340, -3.5171,
-38.7055

6.4570, -3.1833,
-5.6628

221.3080, -4.0958,
-39.7351

0.0000, 0.0000,
0.0000

238.2690, 1.8394,
-30.0539

248.4220, 3.2430,

-13.5251

■ 86.8890, -1.9173,
-38.4907

■ 86.8890, -1.9173,
-38.4907

■ 83.1440, -2.0430,
-44.8533

■ 90.6340, -1.7916,
-32.1280

■ 79.2850, -2.6055,
-51.1159

■ 94.4930, -1.2290,
-25.8654

■ 75.5400, -2.7312,
-57.4786

■ 98.2380, -1.1033,
-19.5027

■ 72.0940, -3.0043,
-63.2264

■ 102.0970, -0.5408,
-13.2401

■ 105.8420, -0.4151,
-6.8774

■ 109.7010, 0.1474,
-0.6148

■ 113.4460, 0.2731,
5.7479

■ 117.1910, 0.3988,
12.1105

■ 121.0500, 0.9614,
18.3732

Harmonies

Analogous

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



92.1990, -15.3811, -13.3295



86.8890, -1.9173, -38.4907



77.4690, 15.0518, -67.9403

Triad

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



86.8890, -1.9173, -38.4907



96.9050, 24.2038, -16.5797



98.6920, -16.1172, 36.2271

Complementary

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



86.8890, -1.9173, -38.4907



66.1110, 1.9173, 38.4907

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.



99.8740, -5.3609, 39.5755



86.8890, -1.9173, -38.4907



101.0180, 16.2601, 11.3852

Square

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



86.8890, -1.9173, -38.4907



85.5260, 28.8277, -53.0813



101.0930, 5.8702, 30.6134



97.6060, -22.4838, 24.9015

Rectangle

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



86.8890, -1.9173, -38.4907



78.7060, 22.3299, -69.0252



101.0930, 5.8702, 30.6134



98.6260, -12.6336, 38.9160

Sweetspot

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



86.8890, -1.9173, -38.4907



133.9720, -0.9722, -14.8844



90.7010, -23.5166, -17.2778



65.8310, -0.4097, -8.6218



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



86.8890, -1.9173, -38.4907



107.1160, -3.0152, -59.7377



86.4450, 11.6126, -38.1013



53.9780, 0.0108, -3.4887



78.6480, -3.2775, -68.9743



161.8610, -6.8335, -141.9521

Inverse Universe

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



66.1110, 1.9173, 38.4907



74.8840, 3.0152, 59.7377



66.5550, -11.6126, 38.1013



52.1360, 0.4260, 3.3887



41.3520, 3.2775, 68.9743



85.2530, 7.2703, 141.8521

Previews

White Background



This preview shows how the YUV color 86.8890, -1.9173, -38.4907 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 86.8890, -1.9173, -38.4907 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 86.8890, -1.9173, -38.4907

Background



This preview shows how black text looks on a background with the YUV color 86.8890, -1.9173, -38.4907.



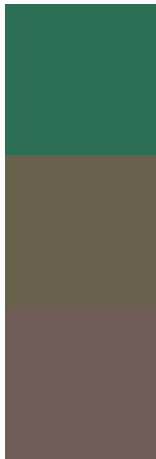
This preview shows how white text looks on a background with the YUV color 86.8890, -1.9173,

-38.4907.

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

86.8890, -1.9173, -38.4907

Protanopia

97.4000, -10.0572, 5.7882

Deuteranopia

98.1710, -6.0003, 11.2510



Tritanopia

91.3640, 11.1595, -32.7682

Trichromacy



Original Color

86.8890, -1.9173, -38.4907

Protanomaly

93.3980, -7.0982, -9.9960

Deuteranomaly

94.1040, -4.4883, -7.1072

Tritanomaly

89.5010, 6.6550, -34.6424

Monochromacy



Original Color

86.8890, -1.9173, -38.4907

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7980, -0.3934, -13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8890, -1.9173, -38.4907 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(43, 110, 83)` looks like.

```
.text, #text, p{  
    color:rgb(43, 110, 83)  
}
```

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(43, 110, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 110, 83) }
```

Border

The CSS property to change the border of an element to YUV 86.8890, -1.9173, -38.4907 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(43, 110, 83) }
```


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

```
.border{ border-color:rgb(43, 110, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 110, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 110, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 110, 83);  
box-shadow:4px 4px 4px 4px rgb(43, 110,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 86.8890, -1.9173, -38.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 110, 83) }
```

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

```
.background{ background-color: rgb(43, 110,  
83) }
```

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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