

Converting Colors

YUV(88.5850, -10.6414, 6.5030)

Have a look what the booklet for
YUV(88.5850, -10.6414, 6.5030)
contains.

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Color

**YUV(88.5850, -10.6414,
6.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	605943
RGB	96, 89, 67
RGB Percent	38%, 35%, 26%
CMY	0.6235, 0.6510, 0.7373
CMYK	0.00, 0.07, 0.30, 0.62
HSL	46°, 18%, 32%
HSV	46°, 30%, 38%
XYZ	9.4094, 10.0368, 6.7516
YIQ	88.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

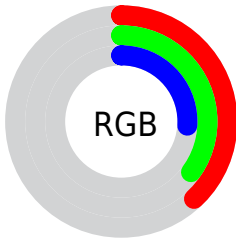
Format	Color
R_{YB}	76, 96, 67
Decimal	6314307
CIE Lab	37.91, -1.06, 13.78
CIE LCh	38, 13.825, 94.409
Yxy	10.0368, 0.3592, 0.3831
Android (android.graphics.Color)	4284504387 (0xFF605943)
YUV	88.5850, -10.6414, 6.5030
Hunter-Lab	31.6809, -2.4263, 9.5413

Details

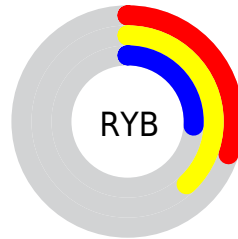
The YUV color **88.5850, -10.6414, 6.5030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74.4150, 10.6414, -6.5030**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6560, -11.6624, 7.3177**, and **43.2150, -9.4730, 5.0734** is the 20% darker color. If you saturate the color by 10%, you get **86.2710, -14.4306, 8.5323**, and if you desaturate by 10%, it is **90.8990, -6.8522, 4.4736**.

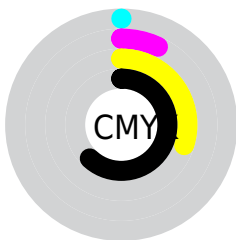
Distribution



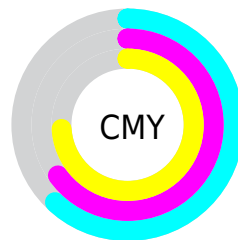
- Red (38%)
- Green (35%)
- Blue (26%)



- Red (30%)
- Yellow (38%)
- Blue (26%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (62%)



- Cyan (62%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5850, -10.6414, 6.5030 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 88.5850, -10.6414, 6.5030 by changing the saturation by 10% instead.

■ 88.5850, -10.6414,
6.5030

■ 88.5850, -10.6414,
6.5030

■ 255.0000, 0.0000,
0.0000

■ 65.4000, -10.0572,
5.7882

■ 138.6560,
-11.6624, 7.3177

■ 43.2150, -9.4730,
5.0734

■ 164.9550,
-11.8098, 7.9325

■ 22.4710, -11.0782,
6.6029

■ 191.8410,
-12.2466, 8.0324

■ 0.0000, 0.0000,
0.0000

■ 219.7270,
-12.6834, 8.1324

■ 247.7160,
-12.6780, 6.3881

■ 254.5440, -1.7472,

0.3999

■ 88.5850, -10.6414,
6.5030

■ 88.5850, -10.6414,
6.5030

■ 86.2710, -14.4306,
8.5323

■ 90.8990, -6.8522,
4.4736

■ 83.4840, -17.4936,
10.9765

■ 93.6860, -3.7892,
2.0294

■ 81.1700, -21.2828,
13.0059

■ 96.0000, 0.0000,
0.0000

■ 78.9700, -24.6352,
14.9353

■ 98.2000, 3.3524,
-1.9294

■ 76.0690, -28.1350,
17.4795

■ 101.1010, 6.8522,
-4.4736

■ 73.7550, -31.9242,
19.5089

■ 103.4150, 10.6414,
-6.5030

■ 71.5550, -35.2766,
21.4383

■ 105.6150, 13.9938,
-8.4324

■ 108.5160, 17.4936,
-10.9765

■ 110.7160, 20.8460,
-12.9059

Harmonies

Analogous

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



89.4550, -10.0843, 14.5100



88.5850, -10.6414, 6.5030



87.2140, -7.9935, -2.8187

Triad

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



88.5850, -10.6414, 6.5030



84.6210, 8.0748, -23.3466



91.4020, 3.7458, 11.9254

Complementary

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



88.5850, -10.6414, 6.5030



74.4150, 10.6414, -6.5030

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.



90.6010, 8.5777, 2.1039



88.5850, -10.6414, 6.5030



86.4520, 11.1162, -18.8134

Square

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



88.5850, -10.6414, 6.5030



84.9650, 2.9753, -21.0173



88.8060, 10.9416, -9.4769



91.0670, -1.5120, 18.3582

Rectangle

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



88.5850, -10.6414, 6.5030



86.2670, -5.0616, -9.8812



88.8060, 10.9416, -9.4769



91.4340, 5.2090, 9.2664

Sweetspot

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



88.5850, -10.6414, 6.5030



121.9850, -3.9366, 2.6442



76.4690, -1.2172, 17.1287



62.0280, -2.4788, 1.7294



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.



88.5850, -10.6414, 6.5030



113.4130, -16.4726, 10.1618



90.6010, -11.6353, -1.4041



46.9570, -1.4578, 0.9147



83.3830, -41.1078, 25.0971



178.5940, -88.0468, 53.8531

Inverse Universe

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



74.4150, 10.6414, -6.5030



91.5870, 16.4726, -10.1618



72.3990, 11.6353, 1.4041



45.0430, 1.4578, -0.9147



28.6170, 41.1078, -25.0971



61.4060, 88.0468, -53.8531

Previews

White Background



This preview shows how the YUV color 88.5850, -10.6414, 6.5030 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 88.5850, -10.6414, 6.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

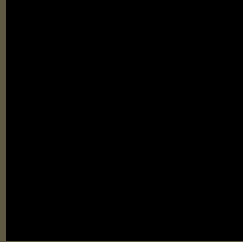
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.5850, -10.6414, 6.5030

Background



This preview shows how black text looks on a background with the YUV color 88.5850, -10.6414, 6.5030.

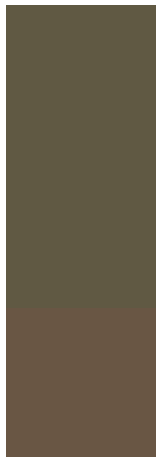


This preview shows how white text looks on a background with the YUV color 88.5850, -10.6414,

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

88.5850, -10.6414, 6.5030

Protanopia

88.5850, -10.6414, 6.5030

Deuteranopia

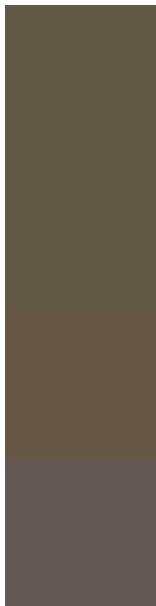
89.6290, -10.6631, 13.4804



Tritanopia

90.5710, 0.7045, 7.3922

Trichromacy



Original Color

88.5850, -10.6414, 6.5030

Protanomaly

88.5850, -10.6414, 6.5030

Deuteranomaly

89.3190, -10.5103, 11.1212

Tritanomaly

89.8330, -3.3687, 7.1625

Monochromacy



Original Color

88.5850, -10.6414, 6.5030

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5850, -10.6414, 6.5030 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(96, 89, 67)` looks like.

```
.text, #text, p{  
    color:rgb(96, 89, 67)  
}
```

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(96, 89, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 89, 67) }
```

Border

The CSS property to change the border of an element to YUV 88.5850, -10.6414, 6.5030 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(96, 89, 67) }
```


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

```
.border{ border-color:rgb(96, 89, 67) }
```

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

Here you see how a box with a 4 pixel rgb(96, 89, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 89, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 89, 67);  
box-shadow:4px 4px 4px 4px rgb(96, 89, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.5850, -10.6414, 6.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 89, 67) }
```

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

```
.background{ background-color: rgb(96, 89,  
67) }
```

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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