

Converting Colors

YUV(88.1850, -17.3462,
10.3618)

Have a look what the booklet for
YUV(88.1850, -17.3462, 10.3618)
contains.

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Color

**YUV(88.1850, -17.3462,
10.3618)**

Conversions

Conversions Part 1

Format	Color
Hex	645935
RGB	100, 89, 53
RGB Percent	39%, 35%, 21%
CMY	0.6078, 0.6510, 0.7922
CMYK	0.00, 0.11, 0.47, 0.61
HSL	46°, 31%, 30%
HSV	46°, 47%, 39%
XYZ	9.4705, 10.1111, 4.8207
YIQ	88.1850, 18.1120, -8.8640

Conversions

Conversions Part 2

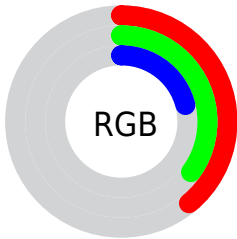
Format	Color
RYB	67, 100, 53
Decimal	6576437
CIELab	38.04, -1.14, 22.42
CIELCh	38, 22.450, 92.898
Yxy	10.1111, 0.3881, 0.4144
Android (android.graphics.Color)	4284766517 (0xFF645935)
YUV	88.1850, -17.3462, 10.3618
Hunter-Lab	31.7980, -2.4832, 13.2701

Details

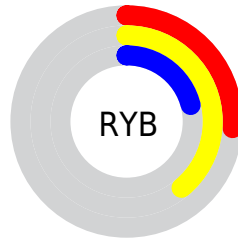
The YUV color **88.1850, -17.3462, 10.3618** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **64.8150, 17.3462, -10.3618**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4410, -18.9514, 11.8912**, and **42.2880, -16.9040, 8.5174** is the 20% darker color. If you saturate the color by 10%, you get **85.8710, -21.1354, 12.3911**, and if you desaturate by 10%, it is **90.4990, -13.5570, 8.3324**.

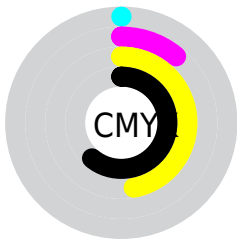
Distribution



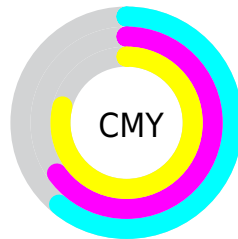
- Red (39%)
- Green (35%)
- Blue (21%)



- Red (26%)
- Yellow (39%)
- Blue (21%)



- Cyan (0%)
- Magenta (11%)
- Yellow (47%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1850, -17.3462, 10.3618 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 88.1850, -17.3462, 10.3618 by changing the saturation by 10% instead.

■ 88.1850, -17.3462,
10.3618

■ 88.1850, -17.3462,
10.3618

■ 255.0000, 0.0000,
0.0000

■ 64.7010, -16.6146,
9.0322

■ 138.4410,
-18.9514, 11.8912

■ 42.2880, -16.9040,
8.5174

■ 164.6260,
-19.5356, 12.6060

■ 22.4710, -11.0782,
6.6029

■ 191.8110,
-20.1198, 13.3208

■ 0.0000, 0.0000,
0.0000

■ 219.6970,
-20.5566, 13.4207

■ 245.8920,
-19.6668, 7.9877

■ 252.6060, -9.1728,

2.0995

■ 88.1850, -17.3462,
10.3618

■ 88.1850, -17.3462,
10.3618

■ 85.8710, -21.1354,
12.3911

■ 90.4990, -13.5570,
8.3324

■ 82.9700, -24.6352,
14.9353

■ 93.4000, -10.0572,
5.7882

■ 80.6560, -28.4244,
16.9647

■ 95.7140, -6.2680,
3.7588

■ 78.3420, -32.2136,
18.9941

■ 98.0280, -2.4788,
1.7294

■ 75.4410, -35.7134,
21.5382

■ 100.9290, 1.0210,
-0.8147

■ 75.0990, -37.0238,
21.8382

■ 103.2430, 4.8102,
-2.8441

■ 105.5570, 8.5994,
-4.8735

■ 108.4580, 12.0992,
-7.4177

■ 110.7720, 15.8884,
-9.4470

Harmonies

Analogous

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



89.7180, -15.6370, 22.1723



88.1850, -17.3462, 10.3618



86.0090, -13.8084, -4.3929

Triad

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



88.1850, -17.3462, 10.3618



76.5190, 16.0131, -49.5672



91.9560, 6.9237, 19.3326

Complementary

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



88.1850, -17.3462, 10.3618



64.8150, 17.3462, -10.3618

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.



91.0940, 14.2507, 2.5486



88.1850, -17.3462, 10.3618



81.2090, 19.6170, -38.7713

Square

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



88.1850, -17.3462, 10.3618



79.2510, 5.7923, -37.9311



87.8140, 18.8257, -18.2539



91.7200, -1.8340, 28.3096

Rectangle

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



88.1850, -17.3462, 10.3618



84.3110, -8.5343, -16.0587



87.8140, 18.8257, -18.2539



92.0200, 9.8501, 14.0145

Sweetspot

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



88.1850, -17.3462, 10.3618



125.6000, -6.7048, 3.8588



68.4210, -1.6866, 27.6948



63.5720, -4.2260, 2.1294



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



88.1850, -17.3462, 10.3618



111.6990, -26.9666, 16.0500



91.0540, -18.7606, -2.6784



49.8430, -1.8946, 1.0147



86.0410, -42.4182, 25.3970



181.5400, -89.4992, 53.0234

Inverse Universe

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



64.8150, 17.3462, -10.3618



75.3010, 26.9666, -16.0500



61.9460, 18.7606, 2.6784



47.1570, 1.8946, -1.0147



28.9590, 42.4182, -25.3970



61.0470, 89.2098, -53.5382

Previews

White Background



This preview shows how the YUV color 88.1850, -17.3462, 10.3618 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 88.1850, -17.3462, 10.3618 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 88.1850, -17.3462, 10.3618

Background



This preview shows how black text looks on a background with the YUV color 88.1850, -17.3462, 10.3618.



This preview shows how white text looks on a background with the YUV color 88.1850, -17.3462,

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

88.1850, -17.3462, 10.3618

Protanopia

88.1740, -17.3408, 8.6174

Deuteranopia

89.2290, -17.3679, 17.3392



Tritanopia

90.7780, 0.1094, 11.5957

Trichromacy



Original Color

88.1850, -17.3462, 10.3618

Protanomaly

88.4730, -17.4882, 9.2322

Deuteranomaly

88.9190, -17.2151, 14.9800

Tritanomaly

90.0570, -6.4371, 11.3510

Monochromacy



Original Color

88.1850, -17.3462, 10.3618

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7140, -6.2680, 3.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1850, -17.3462, 10.3618 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(100, 89, 53)` looks like.

```
.text, #text, p{  
    color:rgb(100, 89, 53)  
}
```

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(100, 89, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 89, 53) }
```

Border

The CSS property to change the border of an element to YUV 88.1850, -17.3462, 10.3618 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(100, 89, 53) }
```


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

```
.border{ border-color:rgb(100, 89, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 89, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 89, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 89, 53);  
box-shadow:4px 4px 4px 4px rgb(100, 89,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 88.1850, -17.3462, 10.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 89, 53) }
```

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

```
.background{ background-color: rgb(100, 89,  
53) }
```

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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