

Converting Colors

YUV(89.3110, -5.0833, -2.9037)

Have a look what the booklet for
YUV(89.3110, -5.0833, -2.9037)
contains.

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Color

**YUV(89.3110, -5.0833,
-2.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	565D4F
RGB	86, 93, 79
RGB Percent	34%, 36%, 31%
CMY	0.6627, 0.6353, 0.6902
CMYK	0.08, 0.00, 0.15, 0.64
HSL	90°, 8%, 34%
HSV	90°, 15%, 36%
XYZ	9.1634, 10.3716, 8.9161
YIQ	89.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

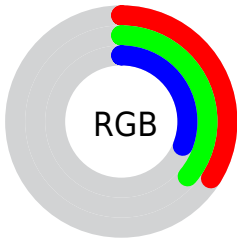
Format	Color
R_{YB}	79, 93, 86
Decimal	5659983
CIE Lab	38.50, -5.65, 7.12
CIE LCh	39, 9.089, 128.451
Yxy	10.3716, 0.3221, 0.3645
Android (android.graphics.Color)	4283850063 (0xFF565D4F)
YUV	89.3110, -5.0833, -2.9037
Hunter-Lab	32.2050, -5.5698, 6.1288

Details

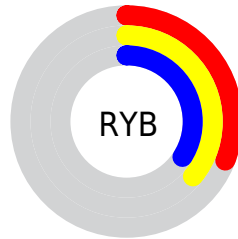
The YUV color **89.3110, -5.0833, -2.9037** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82.6890, 5.0833, 2.9037**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1970, -5.5201, -2.8038**, and **43.8380, -4.3571, -2.4889** is the 20% darker color. If you saturate the color by 10%, you get **86.7900, -8.2775, -5.0778**, and if you desaturate by 10%, it is **91.8320, -1.8892, -0.7297**.

Distribution



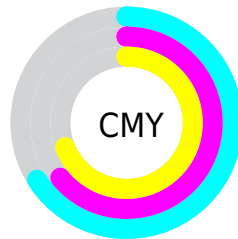
- Red (34%)
- Green (36%)
- Blue (31%)



- Red (31%)
- Yellow (36%)
- Blue (34%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (64%)



- Cyan (66%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3110, -5.0833, -2.9037 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 89.3110, -5.0833, -2.9037 by changing the saturation by 10% instead.

■ 89.3110, -5.0833,
-2.9037

■ 89.3110, -5.0833,
-2.9037

■ 255.0000, 0.0000,
0.0000

■ 65.7240, -4.7939,
-2.3889

■ 139.1970, -5.5201,
-2.8038

■ 43.8380, -4.3571,
-2.4889

■ 165.7840, -5.8095,
-3.3186

■ 23.0230, -4.9413,
-1.7742

■ 192.7840, -5.8095,
-3.3186

■ 0.0000, 0.0000,
0.0000

■ 220.6700, -6.2463,
-3.2186

■ 249.3710, -6.0989,
-3.8334

■ 89.3110, -5.0833,
-2.9037

■ 89.3110, -5.0833,
-2.9037

■ 86.7900, -8.2775,
-5.0778

■ 91.8320, -1.8892,
-0.7297

■ 84.4540, -12.0558,
-6.5372

■ 94.1680, 1.8892,
0.7297

■ 81.9330, -15.2500,
-8.7112

■ 96.6890, 5.0833,
2.9037

■ 79.4120, -18.4441,
-10.8853

■ 99.2100, 8.2775,
5.0778

■ 77.1900, -21.7857,
-12.4446

■ 101.5460, 12.0558,
6.5372

■ 74.5550, -25.4166,
-14.5187

■ 104.0670, 15.2500,
8.7112

■ 72.0340, -28.6108,
-16.6928

■ 106.5880, 18.4441,
10.8853

■ 69.8120, -31.9523,

■ 108.8100, 21.7857,

-18.2521

12.4446

■ 68.6440, -33.8415,
-18.9818

■ 111.4450, 25.4166,
14.5187

Harmonies

Analogous

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



90.1870, -6.9942, 3.3440



89.3110, -5.0833, -2.9037



88.7770, -1.8621, -9.4514

Triad

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



89.3110, -5.0833, -2.9037



89.4700, 7.1633, -10.9362



92.3220, -1.6377, 11.9956

Complementary

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



89.3110, -5.0833, -2.9037



82.6890, 5.0833, 2.9037

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.



91.9240, 2.0095, 8.8367



89.3110, -5.0833, -2.9037



90.8020, 6.9996, -5.0884

Square

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



89.3110, -5.0833, -2.9037



87.9920, 5.4269, -14.0250



91.6890, 5.0833, 2.9037



91.5240, -4.6953, 12.6955

Rectangle

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



89.3110, -5.0833, -2.9037



88.1510, 0.9116, -12.4104



91.6890, 5.0833, 2.9037



92.2510, -0.6167, 11.1809

Sweetspot

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



89.3110, -5.0833, -2.9037



118.4190, -2.1786, -1.2445



87.2950, -4.0894, 5.0033



60.0600, -1.0156, -0.9296



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.



89.3110, -5.0833, -2.9037



114.2030, -7.9881, -4.5630



87.2180, -4.0515, -7.2072



44.8320, -1.8892, -0.7297



81.0150, -39.9404, -22.8152



174.7000, -86.1271, -48.8489

Inverse Universe

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



82.6890, 5.0833, 2.9037



103.7970, 7.9881, 4.5630



84.7820, 4.0515, 7.2072



42.4670, 1.7418, 1.3444



28.9850, 39.9404, 22.8152



62.5990, 85.9797, 49.4637

Previews

White Background



This preview shows how the YUV color 89.3110, -5.0833, -2.9037 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 89.3110, -5.0833, -2.9037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

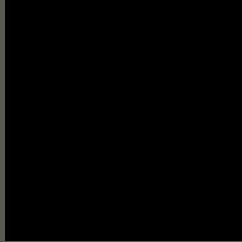
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

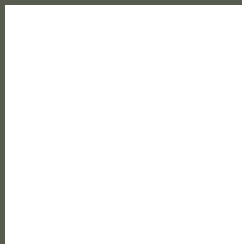
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 89.3110, -5.0833, -2.9037

Background



This preview shows how black text looks on a background with the YUV color 89.3110, -5.0833, -2.9037.



This preview shows how white text looks on a background with the YUV color 89.3110, -5.0833,

-2.9037.

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

89.3110, -5.0833, -2.9037

Protanopia

90.1270, -5.9786, 4.2736

Deuteranopia

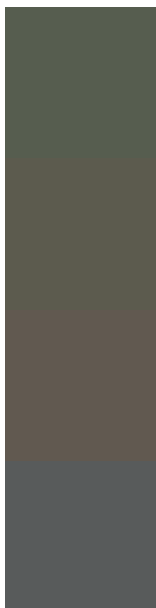
90.9860, -5.4161, 10.5363



Tritanopia

90.6130, 3.6418, -1.4146

Trichromacy



Original Color

89.3110, -5.0833, -2.9037

Protanomaly

89.8170, -5.8258, 1.9145

Deuteranomaly

90.3660, -5.1104, 5.8180

Tritanomaly

90.1030, 0.4422, -1.8443

Monochromacy



Original Color

89.3110, -5.0833, -2.9037

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3110, -5.0833, -2.9037 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(86, 93, 79)` looks like.

```
.text, #text, p{  
    color:rgb(86, 93, 79)  
}
```

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(86, 93, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 93, 79) }
```

Border

The CSS property to change the border of an element to YUV 89.3110, -5.0833, -2.9037 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(86, 93, 79) }
```


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

```
.border{ border-color:rgb(86, 93, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 93, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 93, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 93, 79);  
box-shadow:4px 4px 4px 4px rgb(86, 93, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.3110, -5.0833, -2.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 93, 79) }
```

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

```
.background{ background-color: rgb(86, 93,  
79) }
```

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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