

Converting Colors

YUV(87.8380, -4.3571, -2.4889)

Have a look what the booklet for
YUV(87.8380, -4.3571, -2.4889)
contains.

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Color

**YUV(87.8380, -4.3571,
-2.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	555B4F
RGB	85, 91, 79
RGB Percent	33%, 36%, 31%
CMY	0.6667, 0.6431, 0.6902
CMYK	0.07, 0.00, 0.13, 0.64
HSL	90°, 7%, 33%
HSV	90°, 13%, 36%
XYZ	8.8987, 9.9780, 8.8541
YIQ	87.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

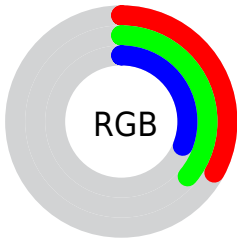
Format	Color
R_YB	79, 91, 85
Decimal	5593935
CIE Lab	37.80, -4.87, 6.12
CIE LCh	38, 7.818, 128.534
Yxy	9.9780, 0.3209, 0.3598
Android (android.graphics.Color)	4283784015 (0xFF555B4F)
YUV	87.8380, -4.3571, -2.4889
Hunter-Lab	31.5879, -4.9934, 5.4926

Details

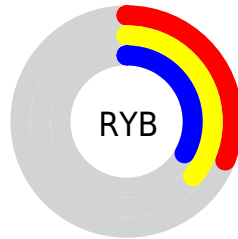
The YUV color **87.8380, -4.3571, -2.4889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82.1620, 4.3571, 2.4889**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7240, -4.7939, -2.3889**, and **42.3650, -3.6309, -2.0741** is the 20% darker color. If you saturate the color by 10%, you get **85.3170, -7.5513, -4.6630**, and if you desaturate by 10%, it is **90.3590, -1.1630, -0.3148**.

Distribution



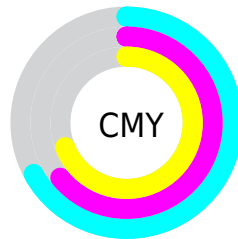
- Red (33%)
- Green (36%)
- Blue (31%)



- Red (31%)
- Yellow (36%)
- Blue (33%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (64%)



- Cyan (67%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8380, -4.3571, -2.4889 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 87.8380, -4.3571, -2.4889 by changing the saturation by 10% instead.

■ 87.8380, -4.3571,
-2.4889

■ 87.8380, -4.3571,
-2.4889

255.0000, 0.0000,
0.0000

■ 64.8380, -4.3571,
-2.4889

■ 137.7240, -4.7939,
-2.3889

■ 42.3650, -3.6309,
-2.0741

■ 163.7240, -4.7939,
-2.3889

■ 22.1370, -4.5045,
-1.8741

■ 191.3110, -5.0833,
-2.9037

■ 0.0000, 0.0000,
0.0000

■ 219.1970, -5.5201,
-2.8038

■ 247.3110, -5.0833,
-2.9037

■ 87.8380, -4.3571,
-2.4889

■ 87.8380, -4.3571,
-2.4889

■ 85.3170, -7.5513,
-4.6630

■ 90.3590, -1.1630,
-0.3148

■ 83.0950, -10.8928,
-6.2223

■ 92.5810, 2.1786,
1.2445

■ 80.5740, -14.0870,
-8.3964

■ 95.1020, 5.3727,
3.4185

■ 78.3520, -17.4285,
-9.9557

■ 97.3240, 8.7143,
4.9779

■ 75.8310, -20.6227,
-12.1298

■ 99.9590, 12.3452,
7.0520

■ 73.4950, -24.4010,
-13.5891

■ 102.1810, 15.6868,
8.6113

■ 70.9740, -27.5952,
-15.7632

■ 104.7020, 18.8809,
10.7853

■ 68.7520, -30.9367,

■ 106.9240, 22.2225,

-17.3225

12.3447

■ 66.8720, -32.9679,
-19.1817

■ 109.4450, 25.4166,
14.5187

Harmonies

Analogous

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



88.5290, -5.6838, 3.0441



87.8380, -4.3571, -2.4889



86.9020, -1.4307, -7.8071

Triad

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



87.8380, -4.3571, -2.4889



87.8400, 5.9949, -9.5067



90.3110, -1.6323, 10.2513

Complementary

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



87.8380, -4.3571, -2.4889



82.1620, 4.3571, 2.4889

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.



90.2120, 1.8675, 7.7071



87.8380, -4.3571, -2.4889



88.8730, 5.9786, -4.2736

Square

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



87.8380, -4.3571, -2.4889



86.8890, 4.9847, -12.1807



89.8630, 4.5045, 1.8741



89.6270, -4.2531, 10.8511

Rectangle

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



87.8380, -4.3571, -2.4889



87.0480, 0.4693, -10.5661



89.8630, 4.5045, 1.8741



90.5390, -0.7587, 10.0513

Sweetspot

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



87.8380, -4.3571, -2.4889



115.9460, -1.4524, -0.8296



86.1100, -3.5052, 4.2885



58.0600, -1.0156, -0.9296



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



87.8380, -4.3571, -2.4889



112.2570, -6.5357, -3.7334



86.0440, -3.4727, -6.1776



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.



82.1620, 4.3571, 2.4889



103.7430, 6.5357, 3.7334



83.9560, 3.4727, 6.1776



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 87.8380, -4.3571, -2.4889 looks on a white background.

Color Contrast Check

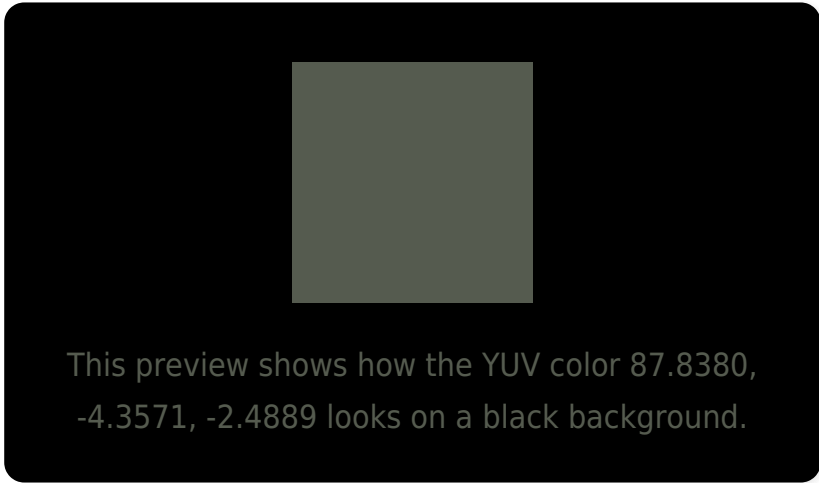
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

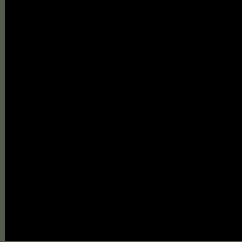
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

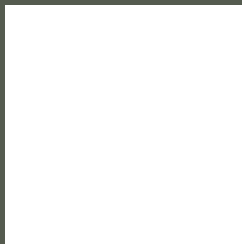
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.8380, -4.3571, -2.4889

Background



This preview shows how black text looks on a background with the YUV color 87.8380, -4.3571, -2.4889.



This preview shows how white text looks on a background with the YUV color 87.8380, -4.3571, -2.4889.

-2.4889.

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

87.8380, -4.3571, -2.4889

Protanopia

88.9420, -5.3944, 3.5589

Deuteranopia

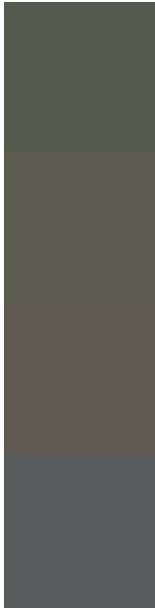
89.8010, -4.8319, 9.8215



Tritanopia

89.4990, 3.2050, -1.3146

Trichromacy



Original Color

87.8380, -4.3571, -2.4889

Protanomaly

88.6320, -5.2416, 1.1997

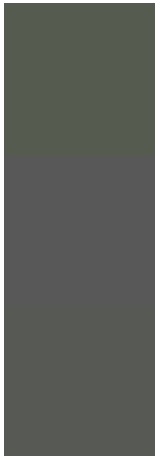
Deuteranomaly

89.1810, -4.5262, 5.1033

Tritanomaly

89.1030, 0.4422, -1.8443

Monochromacy



Original Color

87.8380, -4.3571, -2.4889

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8380, -4.3571, -2.4889 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(85, 91, 79)` looks like.

```
.text, #text, p{  
    color:rgb(85, 91, 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(85, 91, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 91, 79) }
```

Border

The CSS property to change the border of an element to YUV 87.8380, -4.3571, -2.4889 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(85, 91, 79) }
```


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

```
.border{ border-color:rgb(85, 91, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 91, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 91, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 91, 79);  
box-shadow:4px 4px 4px 4px rgb(85, 91, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.8380, -4.3571, -2.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 91, 79) }
```

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

```
.background{ background-color: rgb(85, 91,  
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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