

Converting Colors

YUV(79.0580, -11.3676, 6.0881)

Have a look what the booklet for
YUV(79.0580, -11.3676, 6.0881)
contains.

YUV(79.0580, -11.3676, 6.0881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(79.0580, -11.3676,
6.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	565038
RGB	86, 80, 56
RGB Percent	34%, 31%, 22%
CMY	0.6627, 0.6863, 0.7804
CMYK	0.00, 0.07, 0.35, 0.66
HSL	48°, 21%, 28%
HSV	48°, 35%, 34%
XYZ	7.4202, 8.0013, 4.8947
YIQ	79.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

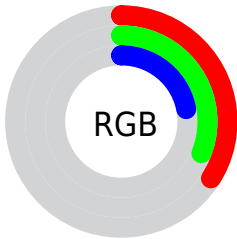
Format	Color
RYB	64, 86, 56
Decimal	5656632
CIELab	33.99, -1.76, 15.07
CIELCh	34, 15.171, 96.658
Yxy	8.0013, 0.3652, 0.3938
Android (android.graphics.Color)	4283846712 (0xFF565038)
YUV	79.0580, -11.3676, 6.0881
Hunter-Lab	28.2865, -2.6767, 9.5410

Details

The YUV color **79.0580, -11.3676, 6.0881** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.9420, 11.3676, -6.0881**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1290, -12.3886, 6.9029**, and **34.5740, -10.6360, 4.7586** is the 20% darker color. If you saturate the color by 10%, you get **76.8580, -14.7200, 8.0175**, and if you desaturate by 10%, it is **81.2580, -8.0152, 4.1587**.

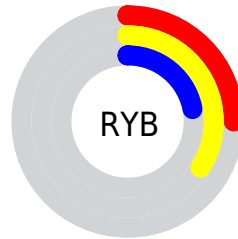
Distribution



Red (34%)

Green (31%)

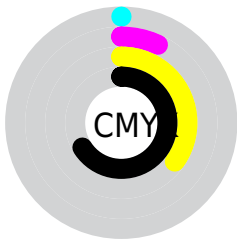
Blue (22%)



Red (25%)

Yellow (34%)

Blue (22%)

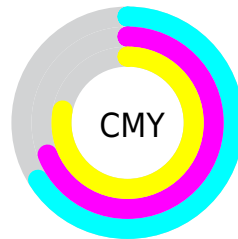


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (66%)



Cyan (66%)

Magenta (69%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0580, -11.3676, 6.0881 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 79.0580, -11.3676, 6.0881 by changing the saturation by 10% instead.

■ 79.0580, -11.3676,
6.0881

■ 79.0580, -11.3676,
6.0881

■ 255.0000, 0.0000,
0.0000

■ 55.8730, -10.7834,
5.3734

■ 128.1290,
-12.3886, 6.9029

■ 34.5740, -10.6360,
4.7586

■ 154.3140,
-12.9728, 7.6176

■ 13.8880, -6.8468,
2.7292

■ 181.2000,
-13.4096, 7.7176

■ 0.0000, 0.0000,
0.0000

■ 208.4990,
-13.5570, 8.3324

■ 237.0860,
-13.8464, 7.8176

■ 252.9480, -7.8624,

1.7996

■ 79.0580, -11.3676,
6.0881

■ 79.0580, -11.3676,
6.0881

■ 76.8580, -14.7200,
8.0175

■ 81.2580, -8.0152,
4.1587

■ 75.3590, -17.9250,
9.3322

■ 82.7570, -4.8102,
2.8441

■ 73.1590, -21.2774,
11.2616

■ 84.9570, -1.4578,
0.9147

■ 71.0730, -24.1930,
13.0910

■ 87.0430, 1.4578,
-0.9147

■ 68.8730, -27.5454,
15.0204

■ 89.2430, 4.8102,
-2.8441

■ 67.2600, -31.1872,
16.4350

■ 90.8560, 8.4520,
-4.2587

■ 66.2170, -32.6450,
17.3497

■ 92.9420, 11.3676,
-6.0881

■ 95.1420, 14.7200,
-8.0175

■ 96.6410, 17.9250,
-9.3322

Harmonies

Analogous

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



80.2270, -10.9579, 14.7099



79.0580, -11.3676, 6.0881



77.9750, -8.8617, -4.3631

Triad

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



79.0580, -11.3676, 6.0881



74.3540, 9.6855, -26.6205



81.8260, 4.0298, 14.1846

Complementary

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



79.0580, -11.3676, 6.0881



62.9420, 11.3676, -6.0881

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.



81.3130, 8.7197, 3.2335



79.0580, -11.3676, 6.0881



76.7830, 12.4320, -20.8577

Square

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



79.0580, -11.3676, 6.0881



74.7690, 3.5649, -23.4764



79.4470, 12.1046, -9.1620



81.6650, -1.8068, 19.5878

Rectangle

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



79.0580, -11.3676, 6.0881



76.2560, -5.0562, -11.6255



79.4470, 12.1046, -9.1620



81.5590, 5.6404, 10.9108

Sweetspot

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



79.0580, -11.3676, 6.0881



109.5720, -4.2260, 2.1294



65.6540, -1.8014, 17.8434



54.6150, -2.7682, 1.2146



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



79.0580, -11.3676, 6.0881



101.3590, -17.9250, 9.3322



80.1880, -11.9247, -1.9189



41.9570, -1.4578, 0.9147



82.4750, -40.6602, 21.5084



180.6210, -89.0462, 47.6904

Inverse Universe

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



62.9420, 11.3676, -6.0881



76.2280, 17.6356, -9.8470



62.1110, 11.7773, 2.5337



40.0430, 1.4578, -0.9147



24.5250, 40.6602, -21.5084



54.3790, 89.0462, -47.6904

Previews

White Background



This preview shows how the YUV color 79.0580, -11.3676, 6.0881 looks on a white background.

Color Contrast Check

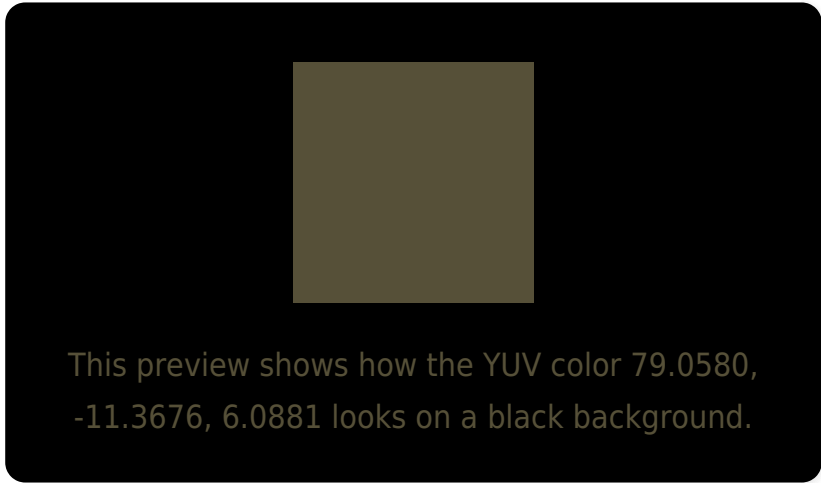
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Any Text WCAG AA × Fail

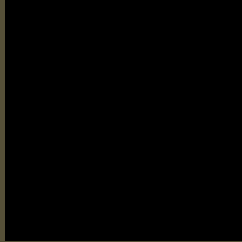
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.0580, -11.3676, 6.0881

Background



This preview shows how black text looks on a background with the YUV color 79.0580, -11.3676, 6.0881.

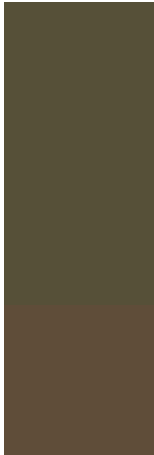


This preview shows how white text looks on a background with the YUV color 79.0580, -11.3676,

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

79.0580, -11.3676, 6.0881

Protanopia

79.0580, -11.3676, 6.0881

Deuteranopia

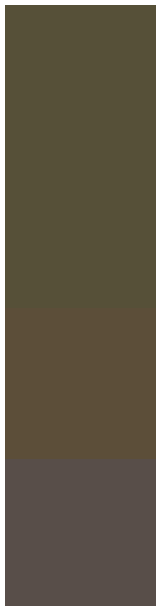
80.1020, -11.3893, 13.0655



Tritanopia

81.2720, 0.8519, 6.7775

Trichromacy



Original Color

79.0580, -11.3676, 6.0881

Protanomaly

79.0580, -11.3676, 6.0881

Deuteranomaly

79.7920, -11.2365, 10.7064

Tritanomaly

80.4200, -3.6581, 6.6477

Monochromacy



Original Color

79.0580, -11.3676, 6.0881

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0580, -11.3676, 6.0881 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, 80, 56)` looks like.

```
.text, #text, p{  
    color:rgb(86, 80, 56)  
}
```

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, 80, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 80, 56) }
```

Border

The CSS property to change the border of an element to YUV 79.0580, -11.3676, 6.0881 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, 80, 56) }
```


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

```
.border{ border-color:rgb(86, 80, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 80, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 80, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 80, 56);  
box-shadow:4px 4px 4px 4px rgb(86, 80, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.0580, -11.3676, 6.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 80, 56) }
```

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

```
.background{ background-color: rgb(86, 80,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor