

Converting Colors

YUV(80.8680, -13.2459, 1.8698)

Have a look what the booklet for
YUV(80.8680, -13.2459, 1.8698)
contains.

YUV(80.8680, -13.2459, 1.8698)	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(80.8680, -13.2459,
1.8698)**

Conversions

Conversions Part 1

Format	Color
Hex	535536
RGB	83, 85, 54
RGB Percent	33%, 33%, 21%
CMY	0.6745, 0.6667, 0.7882
CMYK	0.02, 0.00, 0.36, 0.67
HSL	64°, 22%, 27%
HSV	64°, 36%, 33%
XYZ	7.4816, 8.6023, 4.7561
YIQ	80.8680, 8.7590, -10.0650

Conversions

Conversions Part 2

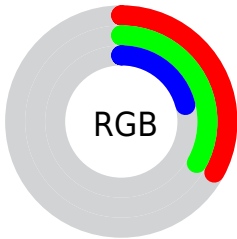
Format	Color
RYB	54, 85, 56
Decimal	5461302
CIELab	35.21, -6.44, 17.85
CIELCh	35, 18.977, 109.826
Yxy	8.6023, 0.3590, 0.4128
Android (android.graphics.Color)	4283651382 (0xFF535536)
YUV	80.8680, -13.2459, 1.8698
Hunter-Lab	29.3297, -5.7941, 10.9163

Details

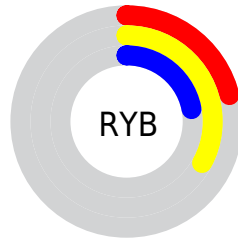
The YUV color **80.8680, -13.2459, 1.8698** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.1320, 13.2459, -1.8698**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5260, -14.5563, 2.1697**, and **35.6830, -12.6617, 1.1550** is the 20% darker color. If you saturate the color by 10%, you get **79.6570, -16.5929, 2.0548**, and if you desaturate by 10%, it is **82.0790, -9.8989, 1.6847**.

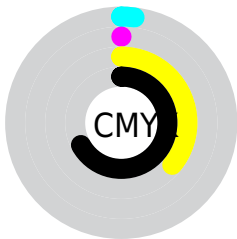
Distribution



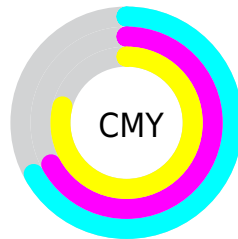
- Red (33%)
- Green (33%)
- Blue (21%)



- Red (21%)
- Yellow (33%)
- Blue (22%)



- Cyan (2%)
- Magenta (0%)
- Yellow (36%)
- Black (67%)



- Cyan (67%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8680, -13.2459, 1.8698 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 80.8680, -13.2459, 1.8698 by changing the saturation by 10% instead.

■ 80.8680, -13.2459,
1.8698

■ 80.8680, -13.2459,
1.8698

■ 255.0000, 0.0000,
0.0000

■ 57.9820, -12.8091,
1.7698

■ 130.5260,
-14.5563, 2.1697

■ 35.6830, -12.6617,
1.1550

■ 156.4120,
-14.9931, 2.2697

■ 15.3280, -7.5567,
-2.9187

■ 183.2980,
-15.4299, 2.3697

■ 0.0000, 0.0000,
0.0000

■ 210.5970,
-15.5773, 2.9844

■ 239.4830,
-16.0141, 3.0844

■ 252.7200, -8.7360,

1.9996

■ 80.8680, -13.2459,
1.8698

■ 80.8680, -13.2459,
1.8698

■ 79.6570, -16.5929,
2.0548

■ 82.0790, -9.8989,
1.6847

■ 78.6310, -20.5241,
2.9546

■ 83.1050, -5.9678,
0.7849

■ 77.3060, -24.3079,
3.2396

■ 84.3160, -2.6208,
0.5999

■ 76.3940, -27.8022,
4.0395

■ 85.3420, 1.3104,
-0.2999

■ 75.0690, -31.5860,
4.3245

■ 86.5530, 4.6574,
-0.4850

■ 74.1570, -35.0804,
5.1243

■ 87.5790, 8.5886,
-1.3848

■ 73.8150, -36.3908,
5.4242

■ 88.9040, 12.3723,
-1.6698

■ 89.8160, 15.8667,
-2.4696

■ 91.0270, 19.2137,
-2.6547

Harmonies

Analogous

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



82.3040, -14.4469, 13.7654



80.8680, -13.2459, 1.8698



79.1590, -7.9664, -11.5404

Triad

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



80.8680, -13.2459, 1.8698



74.9770, 14.8013, -34.1828



85.0010, 1.9715, 21.0471

Complementary

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



80.8680, -13.2459, 1.8698



58.1320, 13.2459, -1.8698

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.



84.6560, 8.5506, 10.8257



80.8680, -13.2459, 1.8698



79.6950, 15.9264, -21.6575

Square

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



80.8680, -13.2459, 1.8698



74.1850, 9.2758, -35.2422



83.5230, 13.5462, -4.8437



84.3730, -5.6069, 25.1059

Rectangle

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



80.8680, -13.2459, 1.8698



77.1840, -2.5557, -20.3324



83.5230, 13.5462, -4.8437



85.2610, 4.3083, 18.1881

Sweetspot

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



80.8680, -13.2459, 1.8698



108.3330, -5.0942, 0.5850



64.4430, -5.1484, 18.0285



55.2020, -3.0576, 0.6998



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.



80.8680, -13.2459, 1.8698



103.5170, -20.9609, 3.0546



76.3830, -11.0348, -7.3519



42.5440, -1.7472, 0.3999



92.7090, -45.7055, 6.3942



203.4260, -100.2890, 13.6584

Inverse Universe

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



58.1320, 13.2459, -1.8698



67.7820, 20.8135, -2.4398



62.6170, 11.0348, 7.3519



39.4560, 1.7472, -0.3999



14.2910, 45.7055, -6.3942



31.2750, 100.4364, -14.2732

Previews

White Background



This preview shows how the YUV color 80.8680, -13.2459, 1.8698 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



This preview shows how the YUV color 80.8680, -13.2459, 1.8698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

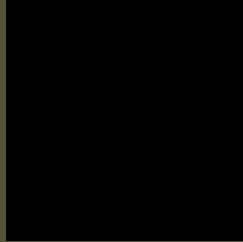
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8680, -13.2459, 1.8698

Background



This preview shows how black text looks on a background with the YUV color 80.8680, -13.2459, 1.8698.



This preview shows how white text looks on a background with the YUV color 80.8680, -13.2459,

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

80.8680, -13.2459, 1.8698

Protanopia

81.6730, -14.1358, 7.3028

Deuteranopia

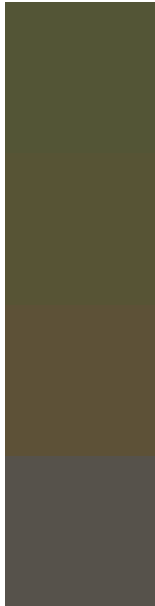
82.2440, -13.4313, 14.6950



Tritanopia

83.4780, 1.7363, 3.0888

Trichromacy



Original Color

80.8680, -13.2459, 1.8698

Protanomaly

81.3630, -13.9830, 4.9436

Deuteranomaly

81.6240, -13.1256, 9.9768

Tritanomaly

82.3980, -3.6472, 3.1590

Monochromacy



Original Color

80.8680, -13.2459, 1.8698

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.7460, -4.8048, 1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8680, -13.2459, 1.8698 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(83, 85, 54)` looks like.

```
.text, #text, p{  
    color:rgb(83, 85, 54)  
}
```

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(83, 85, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 85, 54) }
```

Border

The CSS property to change the border of an element to YUV 80.8680, -13.2459, 1.8698 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(83, 85, 54) }
```


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

```
.border{ border-color:rgb(83, 85, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 85, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 85, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 85, 54);  
box-shadow:4px 4px 4px 4px rgb(83, 85, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.8680, -13.2459, 1.8698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 85, 54) }
```

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

```
.background{ background-color: rgb(83, 85,  
54) }
```

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