

Converting Colors

YUV(80.2660, -16.8931, 5.0287)

Have a look what the booklet for
YUV(80.2660, -16.8931, 5.0287)
contains.

YUV(80.2660, -16.8931, 5.0287)	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(80.2660, -16.8931,
5.0287)**

Conversions

Conversions Part 1

Format	Color
Hex	56542E
RGB	86, 84, 46
RGB Percent	34%, 33%, 18%
CMY	0.6627, 0.6706, 0.8196
CMYK	0.00, 0.02, 0.47, 0.66
HSL	57°, 30%, 26%
HSV	57°, 47%, 34%
XYZ	7.5012, 8.5163, 3.8332
YIQ	80.2660, 13.3900, -11.3940

Conversions

Conversions Part 2

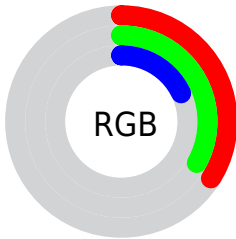
Format	Color
R_{YB}	48, 86, 46
Decimal	5657646
CIE _{Lab}	35.04, -5.51, 22.44
CIE _{LCh}	35, 23.111, 103.797
Yxy	8.5163, 0.3779, 0.4290
Android (android.graphics.Color)	4283847726 (0xFF56542E)
YUV	80.2660, -16.8931, 5.0287
Hunter-Lab	29.1828, -5.1877, 12.6400

Details

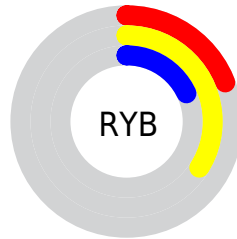
The YUV color **80.2660, -16.8931, 5.0287** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51.7340, 16.8931, -5.0287**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6360, -18.0615, 6.4582**, and **34.8530, -17.1825, 4.5139** is the 20% darker color. If you saturate the color by 10%, you get **79.2400, -20.8243, 5.9285**, and if you desaturate by 10%, it is **81.2920, -12.9620, 4.1289**.

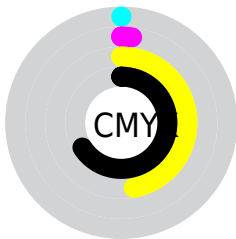
Distribution



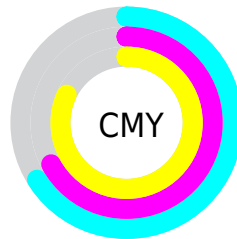
- Red (34%)
- Green (33%)
- Blue (18%)



- Red (19%)
- Yellow (34%)
- Blue (18%)



- Cyan (0%)
- Magenta (2%)
- Yellow (47%)
- Black (66%)



- Cyan (66%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2660, -16.8931, 5.0287 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 80.2660, -16.8931, 5.0287 by changing the saturation by 10% instead.

■ 80.2660, -16.8931,
5.0287

■ 80.2660, -16.8931,
5.0287

■ 255.0000, 0.0000,
0.0000

■ 57.0810, -16.3089,
4.3140

■ 129.6360,
-18.0615, 6.4582

■ 34.8530, -17.1825,
4.5139

■ 156.1090,
-18.7877, 6.0434

■ 15.3390, -7.5621,
-1.1743

■ 182.5930,
-19.5193, 7.3729

■ 0.0000, 0.0000,
0.0000

■ 210.4790,
-19.9561, 7.4729

■ 238.9520,
-20.6823, 7.0581

■ 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 80.2660, -16.8931,
5.0287

■ 80.2660, -16.8931,
5.0287

■ 79.2400, -20.8243,
5.9285

■ 81.2920, -12.9620,
4.1289

■ 77.7410, -24.0293,
7.2431

■ 82.7910, -9.7570,
2.8143

■ 76.7150, -27.9605,
8.1429

■ 83.8170, -5.8258,
1.9145

■ 75.2160, -31.1655,
9.4576

■ 85.3160, -2.6208,
0.5999

■ 74.1900, -35.0967,
10.3574

■ 86.3420, 1.3104,
-0.2999

■ 73.8480, -36.4071,
10.6573

■ 87.9550, 4.9522,
-1.7145

■ 88.8670, 8.4466,
-2.5144

■ 89.8930, 12.3778,
-3.4142

■ 91.3920, 15.5827,
-4.7288

Harmonies

Analogous

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



81.9410, -17.2259, 18.4687



80.2660, -16.8931, 5.0287



77.9480, -11.3134, -11.3554

Triad

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



80.2660, -16.8931, 5.0287



65.6150, 20.4028, -57.5444



84.5930, 4.1447, 24.0359

Complementary

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



80.2660, -16.8931, 5.0287



51.7340, 16.8931, -5.0287

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.



84.8560, 11.9030, 8.8963



80.2660, -16.8931, 5.0287



75.4700, 20.4743, -33.7382

Square

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



80.2660, -16.8931, 5.0287



67.9660, 11.3558, -49.0822



81.6300, 17.9304, -11.0765



83.6340, -4.7496, 30.1390

Rectangle

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



80.2660, -16.8931, 5.0287



75.8910, -4.8763, -22.7064



81.6300, 17.9304, -11.0765



85.2550, 6.7763, 19.9474

Sweetspot

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



80.2660, -16.8931, 5.0287



109.5890, -6.6994, 2.1144



58.1880, -5.0227, 24.3911



54.9740, -3.9312, 0.8998



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.



80.2660, -16.8931, 5.0287



103.0570, -26.6501, 7.8430



76.0580, -14.8186, -7.0669



42.5440, -1.7472, 0.3999



91.8670, -45.2904, 13.2716



201.1660, -99.1748, 29.6724

Inverse Universe

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



51.7340, 16.8931, -5.0287



58.5300, 26.3607, -8.3578



55.9420, 14.8186, 7.0669



39.4560, 1.7472, -0.3999



15.1330, 45.2904, -13.2716



33.8340, 99.1748, -29.6724

Previews

White Background



This preview shows how the YUV color 80.2660, -16.8931, 5.0287 looks on a white background.

Color Contrast Check

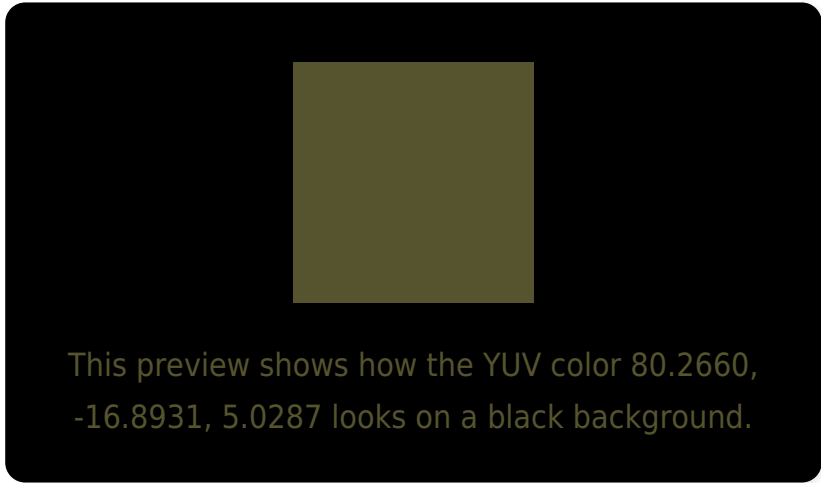
Large Text (above 18pt) WCAG AA ✓ Pass

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

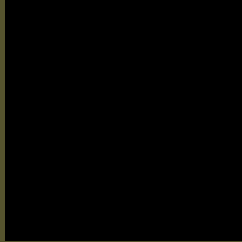
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2660, -16.8931, 5.0287

Background



This preview shows how black text looks on a background with the YUV color 80.2660, -16.8931, 5.0287.



This preview shows how white text looks on a background with the YUV color 80.2660, -16.8931,

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

80.2660, -16.8931, 5.0287

Protanopia

80.4730, -17.4882, 9.2322

Deuteranopia

81.6310, -17.0731, 16.1096



Tritanopia

83.0870, 1.4361, 6.0627

Trichromacy



Original Color

80.2660, -16.8931, 5.0287

Protanomaly

80.4620, -17.4828, 7.4878

Deuteranomaly

81.3100, -16.9148, 12.0061

Tritanomaly

82.2520, -5.5472, 5.9180

Monochromacy



Original Color

80.2660, -16.8931, 5.0287

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8170, -5.8258, 1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2660, -16.8931, 5.0287 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, 84, 46)` looks like.

```
.text, #text, p{  
    color:rgb(86, 84, 46)  
}
```

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, 84, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 84, 46) }
```

Border

The CSS property to change the border of an element to YUV 80.2660, -16.8931, 5.0287 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, 84, 46) }
```


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

```
.border{ border-color:rgb(86, 84, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 84, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 84, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 84, 46);  
box-shadow:4px 4px 4px 4px rgb(86, 84, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.2660, -16.8931, 5.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 84, 46) }
```

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

```
.background{ background-color: rgb(86, 84,  
46) }
```

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