

Converting Colors

YUV(58.8380, -7.8081, -15.6439)

Have a look what the booklet for
YUV(58.8380, -7.8081, -15.6439)
contains.

YUV(58.8380, -7.8081, -15.6439)	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(58.8380, -7.8081,
-15.6439)**

Conversions

Conversions Part 1

Format	Color
Hex	29472B
RGB	41, 71, 43
RGB Percent	16%, 28%, 17%
CMY	0.8392, 0.7216, 0.8314
CMYK	0.42, 0.00, 0.39, 0.72
HSL	124°, 27%, 22%
HSV	124°, 42%, 28%
XYZ	3.6037, 5.1523, 3.0901
YIQ	58.8380, -8.8920, -15.0680

Conversions

Conversions Part 2

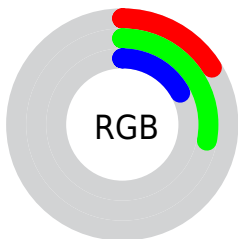
Format	Color
RYB	41, 69, 71
Decimal	2705195
CIELab	27.16, -18.08, 13.42
CIELCh	27, 22.514, 143.422
Yxy	5.1523, 0.3042, 0.4349
Android (android.graphics.Color)	4280895275 (0xFF29472B)
YUV	58.8380, -7.8081, -15.6439
Hunter-Lab	22.6987, -11.3834, 7.8177

Details

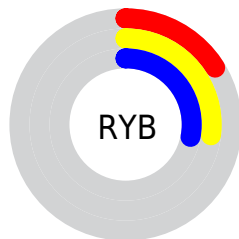
The YUV color **58.8380, -7.8081, -15.6439** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **53.1620, 7.8081, 15.6439**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.8980, -8.8237, -16.5735**, and **16.4360, -8.1029, -14.4144** is the 20% darker color. If you saturate the color by 10%, you get **55.9470, -9.8339, -19.2475**, and if you desaturate by 10%, it is **61.7290, -5.7824, -12.0403**.

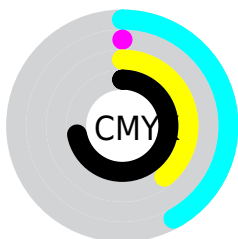
Distribution



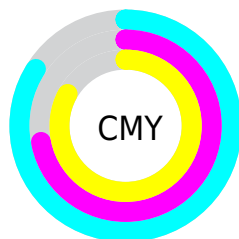
- Red (16%)
- Green (28%)
- Blue (17%)



- Red (16%)
- Yellow (27%)
- Blue (28%)



- Cyan (42%)
- Magenta (0%)
- Yellow (39%)
- Black (72%)



- Cyan (84%)
- Magenta (72%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8380, -7.8081, -15.6439 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 58.8380, -7.8081, -15.6439 by changing the saturation by 10% instead.

■ 58.8380, -7.8081,
-15.6439

■ 58.8380, -7.8081,
-15.6439

255.0000, 0.0000,
0.0000

■ 36.3650, -7.0819,
-15.2291

■ 106.8980, -8.8237,
-16.5735

■ 16.4360, -8.1029,
-14.4144

■ 131.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 158.3710, -9.5499,
-16.9884

■ 184.9580, -9.8393,
-17.5032

■ 213.1320,
-10.4181, -18.5328

■ 240.5450,

-10.1287, -18.0180

252.5220, -1.7363,
-3.0888

58.8380, -7.8081,
-15.6439

58.8380, -7.8081,
-15.6439

55.9470, -9.8339,
-19.2475

61.7290, -5.7824,
-12.0403

53.1700, -11.4228,
-22.9511

64.5060, -4.1935,
-8.3368

50.2790, -13.4485,
-26.5547

67.3970, -2.1677,
-4.7332

47.3880, -15.4743,
-30.1583

70.2880, -0.1420,
-1.1296

44.6110, -17.0632,
-33.8618

73.3640, 1.2995,
3.1888

■ 42.2470, -18.3628,
-37.0506

■ 76.2550, 3.3253,
6.7924

■ 79.0320, 4.9142,
10.4959

■ 81.9230, 6.9400,
14.0995

■ 84.8140, 8.9657,
17.7031

Harmonies

Analogous

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



61.2160, -14.4035, -0.1894



58.8380, -7.8081, -15.6439



53.2790, 3.3135, -36.2017

Triad

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



58.8380, -7.8081, -15.6439



58.8730, 19.2896, -27.0756



64.7540, -6.7807, 28.2797

Complementary

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



58.8380, -7.8081, -15.6439



53.1620, 7.8081, 15.6439

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.



65.9090, 1.5239, 24.6358



58.8380, -7.8081, -15.6439



64.6910, 15.4353, -4.1140

Square

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



58.8380, -7.8081, -15.6439



52.0510, 19.2019, -45.6487



66.4930, 9.1240, 13.5996



64.2990, -13.4584, 23.4168

Rectangle

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



58.8380, -7.8081, -15.6439



51.0590, 10.3239, -44.7787



66.4930, 9.1240, 13.5996



64.8510, -3.8705, 28.1947

Sweetspot

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



58.8380, -7.8081, -15.6439



87.1580, -3.0359, -6.2776



66.9820, -12.8091, 1.7698



43.1090, -2.0257, -3.6036



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



58.8380, -7.8081, -15.6439



72.9310, -12.2910, -24.4955



60.5480, -1.2562, -17.1436



34.3480, -1.1576, -2.0592



58.9110, -25.5921, -51.6649



134.9590, -59.1398, -118.3590

Inverse Universe

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



53.1620, 7.8081, 15.6439



64.0690, 12.2910, 24.4955



51.4520, 1.2562, 17.1436



33.5380, 0.7208, 2.1592



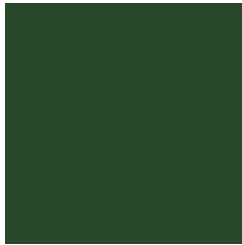
40.2030, 26.0289, 51.5650



92.0410, 59.1398, 118.3590

Previews

White Background



This preview shows how the YUV color 58.8380, -7.8081, -15.6439 looks on a white background.

Color Contrast Check

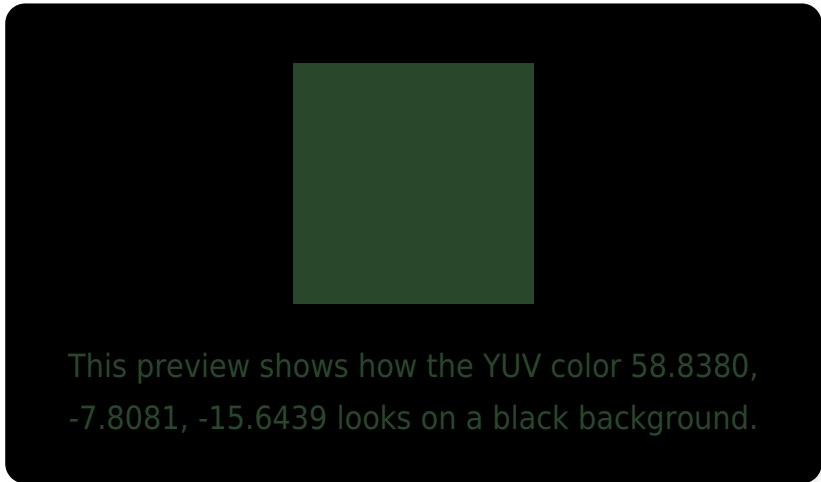
Large Text (above 18pt) WCAG AA ✓ Pass

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

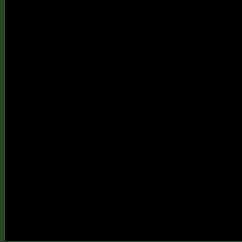
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.8380, -7.8081, -15.6439

Background



This preview shows how black text looks on a background with the YUV color 58.8380, -7.8081, -15.6439.



This preview shows how white text looks on a background with the YUV color 58.8380, -7.8081, -15.6439.

-15.6439.

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

58.8380, -7.8081, -15.6439

Protanopia

63.0580, -11.3676, 6.0881

Deuteranopia

63.6610, -9.1999, 10.8213



Tritanopia

61.7040, 5.5689, -12.8954

Trichromacy



Original Color

58.8380, -7.8081, -15.6439

Protanomaly

61.6440, -10.1775, -2.3188

Deuteranomaly

62.0080, -8.8779, 0.8700

Tritanomaly

60.4390, 0.7696, -13.5400

Monochromacy



Original Color

58.8380, -7.8081, -15.6439

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.5710, -2.7465, -5.7628

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8380, -7.8081, -15.6439 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(41, 71, 43)` looks like.

```
.text, #text, p{  
    color:rgb(41, 71, 43)  
}
```

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(41, 71, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 71, 43) }
```

Border

The CSS property to change the border of an element to YUV 58.8380, -7.8081, -15.6439 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(41, 71, 43) }
```


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

```
.border{ border-color:rgb(41, 71, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 71, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 71, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 71, 43);  
box-shadow:4px 4px 4px 4px rgb(41, 71, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.8380, -7.8081, -15.6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 71, 43) }
```

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

```
.background{ background-color: rgb(41, 71,  
43) }
```

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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