

Converting Colors

YUV(58.8780, -15.2229,
-17.4330)

Have a look what the booklet for
YUV(58.8780, -15.2229, -17.4330)
contains.

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Color

**YUV(58.8780, -15.2229,
-17.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	274B1C
RGB	39, 75, 28
RGB Percent	15%, 29%, 11%
CMY	0.8471, 0.7059, 0.8902
CMYK	0.48, 0.00, 0.63, 0.71
HSL	106°, 46%, 20%
HSV	106°, 63%, 29%
XYZ	3.5624, 5.5473, 1.9816
YIQ	58.8780, -6.3690, -22.2490

Conversions

Conversions Part 2

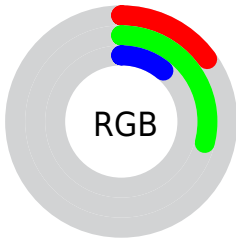
Format	Color
R_{YB}	28, 75, 64
Decimal	2575132
CIE _{Lab}	28.24, -23.36, 23.67
CIE _{LCh}	28, 33.257, 134.627
Yxy	5.5473, 0.3212, 0.5002
Android (android.graphics.Color)	4280765212 (0xFF274B1C)
YUV	58.8780, -15.2229, -17.4330
Hunter-Lab	23.5528, -14.2191, 11.4986

Details

The YUV color **58.8780, -15.2229, -17.4330** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **44.1220, 15.2229, 17.4330**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1230, -16.8226, -17.6479**, and **18.7840, -9.2605, -16.4736** is the 20% darker color. If you saturate the color by 10%, you get **56.1720, -17.8328, -20.3218**, and if you desaturate by 10%, it is **61.4700, -13.0497, -14.4442**.

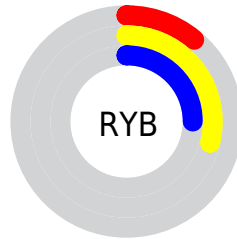
Distribution



Red (15%)

Green (29%)

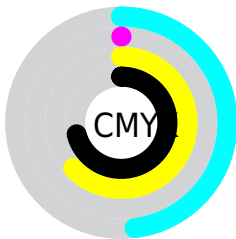
Blue (11%)



Red (11%)

Yellow (29%)

Blue (25%)

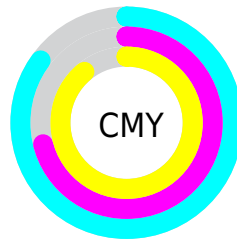


Cyan (48%)

Magenta (0%)

Yellow (63%)

Black (71%)



Cyan (85%)

Magenta (71%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8780, -15.2229, -17.4330 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 58.8780, -15.2229, -17.4330 by changing the saturation by 10% instead.

■ 58.8780, -15.2229,
-17.4330

■ 58.8780, -15.2229,
-17.4330

255.0000, 0.0000,
0.0000

■ 35.7640, -15.6597,
-17.3330

■ 107.1230,
-16.8226, -17.6479

■ 18.7840, -9.2605,
-16.4736

■ 132.7100,
-17.1120, -18.1627

■ 0.0000, 0.0000,
0.0000

■ 159.1830,
-17.8382, -18.5775

■ 186.6560,
-18.5644, -18.9923

■ 214.5420,
-19.0012, -18.8923

■ 238.9060,

-17.7017, -15.7036

■ 250.7690, -9.7461,
-0.6744

■ 58.8780, -15.2229,
-17.4330

■ 58.8780, -15.2229,
-17.4330

■ 56.1720, -17.8328,
-20.3218

■ 61.4700, -13.0497,
-14.4442

■ 53.8790, -20.1533,
-22.6959

■ 63.8770, -10.2924,
-12.1701

■ 51.1730, -22.7633,
-25.5847

■ 66.5830, -7.6824,
-9.2813

■ 49.4070, -24.3577,
-27.5439

■ 69.1750, -5.5093,
-6.2925

■ 71.8810, -2.8993,
-3.4036

■ 74.1740, -0.5788,
-1.0296

■ 76.8800, 2.0312,
1.8592

■ 79.4720, 4.2043,
4.8481

■ 82.1780, 6.8142,
7.7369

Harmonies

Analogous

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



62.2030, -24.7501, 5.0840



58.8780, -15.2229, -17.4330



51.7140, 0.1410, -45.3532

Triad

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



58.8780, -15.2229, -17.4330



56.0750, 29.5430, -49.1778



65.2980, -5.0769, 41.8347

Complementary

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



58.8780, -15.2229, -17.4330



44.1220, 15.2229, 17.4330

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.



67.3430, 6.7329, 33.9022



58.8780, -15.2229, -17.4330



63.6380, 25.8145, -19.8535

Square

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



58.8780, -15.2229, -17.4330



57.4140, 21.9809, -50.3521



68.5560, 16.9809, 13.5444



64.9910, -16.2646, 36.8419

Rectangle

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



58.8780, -15.2229, -17.4330



54.3530, 7.7140, -47.6676



68.5560, 16.9809, 13.5444



66.3240, -1.1457, 40.9349

Sweetspot

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



58.8780, -15.2229, -17.4330



90.6480, -6.2355, -6.7073



62.5980, -17.0568, 10.8766



44.3540, -3.6255, -3.8185



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



58.8780, -15.2229, -17.4330



71.9340, -23.6315, -27.1291



56.9570, -8.3598, -25.3953



36.6470, -1.3050, -1.4444



67.0500, -33.0556, -37.7548



151.1560, -74.5199, -85.2058

Inverse Universe

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



44.1220, 15.2229, 17.4330



49.0660, 23.6315, 27.1291



46.0430, 8.3598, 25.3953



35.3530, 1.3050, 1.4444



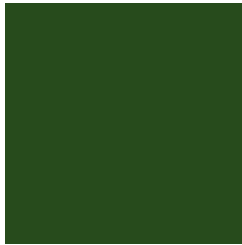
34.9500, 33.0556, 37.7548



78.8440, 74.5199, 85.2058

Previews

White Background



This preview shows how the YUV color 58.8780, -15.2229, -17.4330 looks on a white background.

Color Contrast Check

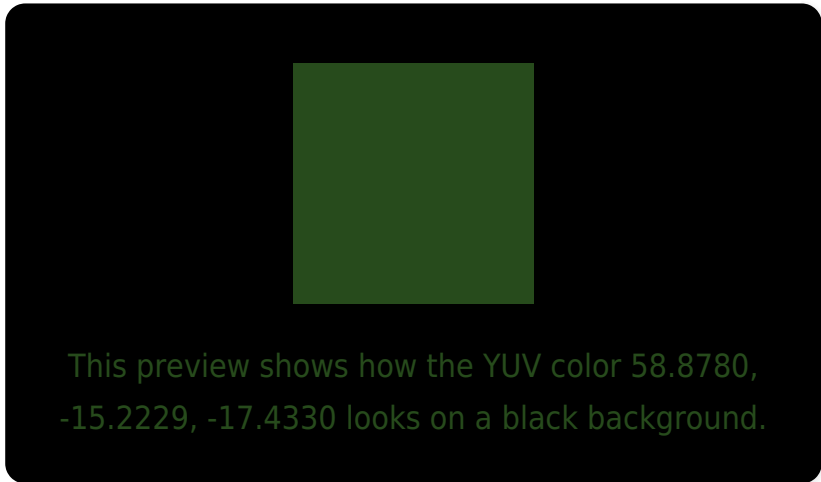
Large Text (above 18pt) WCAG AA ✓ Pass

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

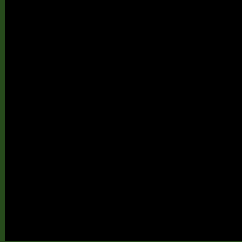
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.8780, -15.2229, -17.4330

Background



This preview shows how black text looks on a background with the YUV color 58.8780, -15.2229, -17.4330.



This preview shows how white text looks on a background with the YUV color 58.8780, -15.2229, -17.4330.

-17.4330.

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

58.8780, -15.2229, -17.4330

Protanopia

64.4190, -18.9406, 8.4025

Deuteranopia

65.1470, -16.3415, 14.7801



Tritanopia

64.1060, 5.8637, -14.1250

Trichromacy



Original Color

58.8780, -15.2229, -17.4330

Protanomaly

62.4070, -17.4557, -1.2339

Deuteranomaly

62.5970, -15.5773, 2.9844

Tritanomaly

62.4450, -1.6984, -15.2993

Monochromacy



Original Color

58.8780, -15.2229, -17.4330

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1750, -5.5093, -6.2925

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8780, -15.2229, -17.4330 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(39, 75, 28)` looks like.

```
.text, #text, p{  
    color:rgb(39, 75, 28)  
}
```

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(39, 75, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 75, 28) }
```

Border

The CSS property to change the border of an element to YUV 58.8780, -15.2229, -17.4330 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(39, 75, 28) }
```


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

```
.border{ border-color:rgb(39, 75, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 75, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 75, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 75, 28);  
box-shadow:4px 4px 4px 4px rgb(39, 75, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.8780, -15.2229, -17.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 75, 28) }
```

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

```
.background{ background-color: rgb(39, 75,  
28) }
```

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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