

Converting Colors

YUV(58.0980, -28.6423,
40.2561)

Have a look what the booklet for
YUV(58.0980, -28.6423, 40.2561)
contains.

YUV(58.0980, -28.6423, 40.2561)	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(58.0980, -28.6423,
40.2561)**

Conversions

Conversions Part 1

Format	Color
Hex	682E00
RGB	104, 46, 0
RGB Percent	41%, 18%, 0%
CMY	0.5922, 0.8196, 1.0000
CMYK	0.00, 0.56, 1.00, 0.59
HSL	27°, 100%, 20%
HSV	27°, 100%, 41%
XYZ	6.6859, 4.8970, 0.5928
YIQ	58.0980, 49.3340, -2.0100

Conversions

Conversions Part 2

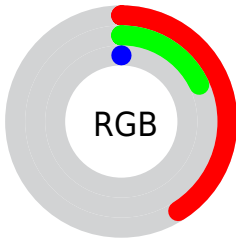
Format	Color
R_{YB}	104, 82, 0
Decimal	6827520
CIE _{Lab}	26.44, 23.47, 37.11
CIE _{LCh}	26, 43.906, 57.684
Yxy	4.8970, 0.5491, 0.4022
Android (android.graphics.Color)	4285017600 (0xFF682E00)
YUV	58.0980, -28.6423, 40.2561
Hunter-Lab	22.1293, 15.2040, 13.9021

Details

The YUV color **58.0980, -28.6423, 40.2561** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **45.9020, 28.6423, -40.2561**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.9030, -29.5322, 45.6891**, and **16.1240, -7.9491, 29.7093** is the 20% darker color. If you saturate the color by 10%, you get **58.0980, -28.6423, 40.2561**, and if you desaturate by 10%, it is **62.7600, -26.0107, 36.1675**.

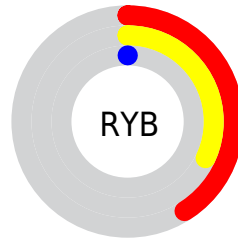
Distribution



Red (41%)

Green (18%)

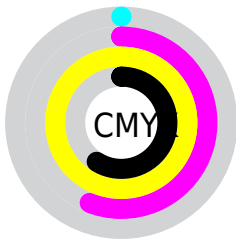
Blue (0%)



Red (41%)

Yellow (32%)

Blue (0%)

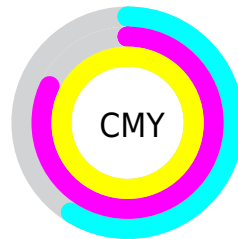


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (59%)



Cyan (59%)


Magenta (82%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 58.0980, -28.6423, 40.2561 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 58.0980, -28.6423, 40.2561 by changing the saturation by 10% instead.


 58.0980, -28.6423,
40.2561


 58.0980, -28.6423,
40.2561


 252.1500,
-10.9200, 2.4994


 37.1110, -18.2957,
34.9827

 107.9030,
-29.5322, 45.6891


 16.1240, -7.9491,
29.7093


 134.1700,
-31.1428, 48.9629

 5.6810, -2.8007,
11.6808

 160.9530,
-32.0218, 50.9072

 0.0000, 0.0000,
0.0000


 188.6220,
-33.3376, 52.9515


 209.2290,
-30.6789, 40.1412


 228.7430,


-26.9883, 23.0274


 248.9580,
-23.1503, 5.2988


 58.0980, -28.6423,
40.2561

 62.7600, -26.0107,
36.1675

 67.5360, -22.9422,
31.9789

 71.6110, -20.0212,
28.4052

 76.3870, -16.9528,
24.2166

 81.0490, -14.3212,
20.1280

■ 85.7110, -11.6895,
16.0395

■ 90.4870, -8.6211,
11.8509

■ 94.5620, -5.7001,
8.2771

■ 99.3380, -2.6316,
4.0886

Harmonies

Analogous

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



56.4800, -11.0826, 54.8300



58.0980, -28.6423, 40.2561



59.1400, -29.1560, 18.2942

Triad

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



58.0980, -28.6423, 40.2561



51.9250, 3.4880, -45.5382



62.3390, 29.4129, -7.3133

Complementary

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



58.0980, -28.6423, 40.2561



45.9020, 28.6423, -40.2561

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.



54.7360, 37.1052, -48.0035



58.0980, -28.6423, 40.2561



55.8010, 18.3391, -48.9375

Square

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



58.0980, -28.6423, 40.2561



46.7610, -11.2212, -41.0094



57.5910, 30.2746, -50.5073



62.6060, 17.9422, 31.9175

Rectangle

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



58.0980, -28.6423, 40.2561



56.9700, -28.0862, 1.7803



57.5910, 30.2746, -50.5073



56.2760, 34.8669, -30.0601

Sweetspot

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



58.0980, -28.6423, 40.2561



117.5260, -11.1053, 15.3247



37.8220, 10.4408, 58.0381



57.9320, -6.8685, 9.7066



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



58.0980, -28.6423, 40.2561



75.5850, -37.2634, 52.1070



88.0350, -43.4013, 14.0013



48.6690, -1.3158, 2.0443



64.3220, -31.7107, 44.4446



135.1670, -66.6373, 93.6925

Inverse Universe

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



45.9020, 28.6423, -40.2561



59.4150, 37.2634, -52.1070



15.9650, 43.4013, -14.0013



48.3310, 1.3158, -2.0443



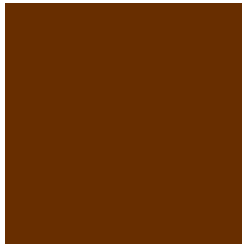
50.6780, 31.7107, -44.4446



106.8330, 66.6373, -93.6925

Previews

White Background



This preview shows how the YUV color 58.0980, -28.6423, 40.2561 looks on a white background.

Color Contrast Check

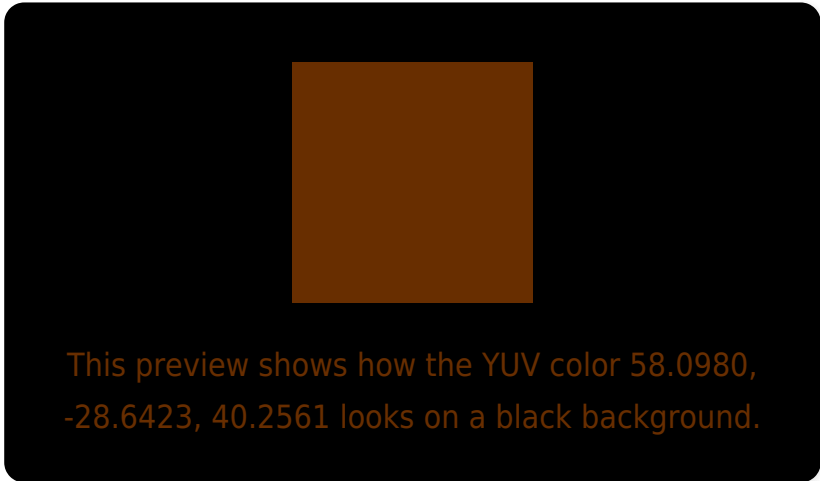
Large Text (above 18pt) WCAG AA ✓ Pass

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

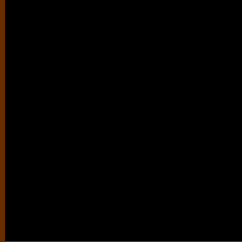
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0980, -28.6423, 40.2561

Background



This preview shows how black text looks on a background with the YUV color 58.0980, -28.6423, 40.2561.



This preview shows how white text looks on a background with the YUV color 58.0980, -28.6423,

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

58.0980, -28.6423, 40.2561

Protanopia

60.2360, -24.7663, 10.3170

Deuteranopia

59.1400, -29.1560, 18.2942



Tritanopia

61.8800, -7.8288, 37.8162

Trichromacy



Original Color

58.0980, -28.6423, 40.2561

Protanomaly

59.2590, -26.2567, 21.6979

Deuteranomaly

58.8960, -29.0357, 26.4012

Tritanomaly

60.5290, -15.5438, 39.0011

Monochromacy



Original Color

58.0980, -28.6423, 40.2561

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.3410, -10.5211, 14.6099

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0980, -28.6423, 40.2561 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(104, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 46, 0)  
}
```

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(104, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 46, 0) }
```

Border

The CSS property to change the border of an element to YUV 58.0980, -28.6423, 40.2561 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(104, 46, 0) }
```


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

```
.border{ border-color:rgb(104, 46, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 46, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 46, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 46, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 46, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.0980, -28.6423, 40.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 46, 0) }
```

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

```
.background{ background-color: rgb(104, 46,  
0) }
```

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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