

Converting Colors

YIQ(58.2800, 27.9700, -11.3100)

Have a look what the booklet for
YIQ(58.2800, 27.9700, -11.3100)
contains.

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Color

**YIQ(58.2800, 27.9700,
-11.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3A08
RGB	78, 58, 8
RGB Percent	31%, 23%, 3%
CMY	0.6941, 0.7726, 0.9685
CMYK	0.00, 0.26, 0.90, 0.69
HSL	43°, 81%, 17%
HSV	43°, 90%, 31%
XYZ	4.6989, 4.6627, 0.8832
YIQ	58.2800, 27.9700, -11.3100

Conversions

Conversions Part 2

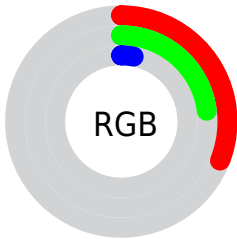
Format	Color
RYB	36, 78, 8
Decimal	5126664
CIELab	25.75, 3.55, 31.77
CIELCh	26, 31.964, 83.632
Yxy	4.6627, 0.4587, 0.4551
Android (android.graphics.Color)	4283316744 (0xFF4E3A08)
YUV	58.2800, -24.7880, 17.2944
Hunter-Lab	21.5934, 1.0546, 12.6904

Details

The YIQ color **58.2800, 27.9700, -11.3100** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **27.7200, -27.9700, 11.3100**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **106.6610, 31.2710, -10.5610**, and **18.0630, 12.8840, -2.2200** is the 20% darker color. If you saturate the color by 10%, you get **56.1940, 31.0880, -12.7520**, and if you desaturate by 10%, it is **60.3660, 24.8520, -9.8680**.

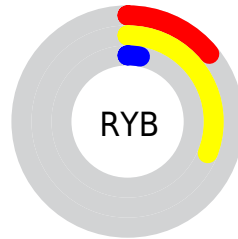
Distribution



Red (31%)

Green (23%)

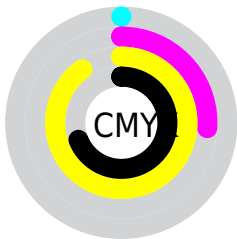
Blue (3%)



Red (14%)

Yellow (31%)

Blue (3%)

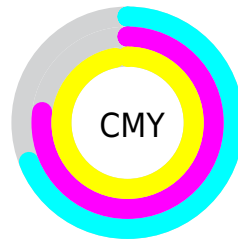


Cyan (0%)

Magenta (26%)

Yellow (90%)

Black (69%)



Cyan (69%)

Magenta (77%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.2800, 27.9700, -11.3100 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 YIQ color 58.2800, 27.9700, -11.3100 by changing the saturation by 10% instead.

■ 58.2800, 27.9700,
-11.3100

■ 58.2800, 27.9700,
-11.3100

■ 253.0620, 5.4570,
-5.2870

■ 37.8650, 22.0090,
-7.9030

■ 106.6610, 31.2710,
-10.5610

■ 18.0630, 12.8840,
-2.2200

■ 132.1450, 32.7840,
-10.4480

■ 0.0000, 0.0000,
0.0000

■ 158.6290, 34.2970,
-10.3350

■ 185.7000, 35.5350,
-10.7450

■ 213.2980, 36.7270,
-10.3210

■ 236.6990, 28.1080,

-13.8120

■ 249.7560, 14.7660,
-14.3060

■ 58.2800, 27.9700,
-11.3100

■ 58.2800, 27.9700,
-11.3100

■ 56.1940, 31.0880,
-12.7520

■ 60.3660, 24.8520,
-9.8680

■ 62.4520, 21.7340,
-8.4260

■ 65.0110, 18.6620,
-7.8180

■ 67.0970, 15.5440,
-6.3760

■ 69.1830, 12.4260,
-4.9340

■ 71.2690, 9.3080,
-3.4920

■ 73.9420, 5.9150,
-2.5730

■ 75.9140, 3.1180,
-1.4420

■ 78.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



59.0890, 36.3580, 1.8780



58.2800, 27.9700, -11.3100



55.9680, 11.0530, -18.6030

Triad

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



58.2800, 27.9700, -11.3100



51.3840, -45.4800, -12.7760



62.6770, 9.1200, 21.9520

Complementary

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



58.2800, 27.9700, -11.3100



27.7200, -27.9700, 11.3100

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.



61.0910, -18.7090, 14.1790



58.2800, 27.9700, -11.3100



52.4900, -51.3500, -5.5100

Square

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



58.2800, 27.9700, -11.3100



48.5340, -37.4550, -20.5510



50.5810, -52.8640, -0.0960



61.0290, 28.5600, 22.0640

Rectangle

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



58.2800, 27.9700, -11.3100



54.0030, -5.2230, -20.9910



50.5810, -52.8640, -0.0960



63.0180, 0.7300, 19.8180

Sweetspot

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



58.2800, 27.9700, -11.3100



94.1120, 11.1880, -4.5240



31.3240, 34.9790, 21.3710



46.2410, 6.5110, -2.3610



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



58.2800, 27.9700, -11.3100



73.3490, 40.7170, -16.5550



65.8340, 14.1260, -24.7380



36.9570, 1.5590, -0.7210



165.0380, 91.9800, -37.0120

Inverse Universe

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



27.7200, -27.9700, 11.3100



28.6510, -40.7170, 16.5550



20.1660, -14.1260, 24.7380



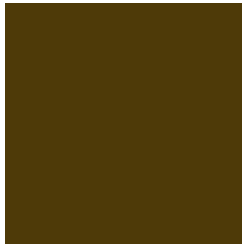
35.6300, -1.8340, 0.1980



64.9620, -91.9800, 37.0120

Previews

White Background



This preview shows how the YIQ color 58.2800, 27.9700, -11.3100 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 YIQ color 58.2800, 27.9700, -11.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

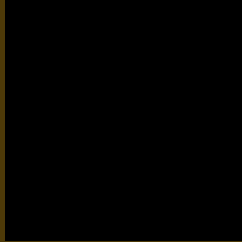
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.2800, 27.9700, -11.3100

Background



This preview shows how black text looks on a background with the YIQ color 58.2800, 27.9700, -11.3100.



This preview shows how white text looks on a background with the YIQ color 58.2800, 27.9700,

-11.3100.

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

58.2800, 27.9700, -11.3100

Protanopia

58.0510, 21.1850, -14.9990

Deuteranopia

58.2800, 27.9700, -11.3100



Tritanopia

62.5290, 14.8080, 6.9680

Trichromacy



Original Color

58.2800, 27.9700, -11.3100

Protanomaly

58.3610, 23.2480, -13.8400

Deuteranomaly

58.2800, 27.9700, -11.3100

Tritanomaly

60.7650, 19.7150, 0.6350

Monochromacy



Original Color

58.2800, 27.9700, -11.3100

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0410, 9.9500, -4.1140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.2800, 27.9700, -11.3100 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(78, 58, 8)` looks like.

```
.text, #text, p{  
    color:rgb(78, 58, 8)  
}
```

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(78, 58, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 58, 8) }
```

Border

The CSS property to change the border of an element to YIQ 58.2800, 27.9700, -11.3100 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(78, 58, 8) }
```

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

```
.border{ border-color:rgb(78, 58, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 58, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 58, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 58, 8); box-shadow:4px  
4px 4px 4px rgb(78, 58, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 58.2800, 27.9700, -11.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 58, 8) }
```

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

```
.background{ background-color: rgb(78, 58,  
8) }
```

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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