

Converting Colors

YIQ(27.9080, 29.6180, 2.8820)

Have a look what the booklet for
YIQ(27.9080, 29.6180, 2.8820)
contains.

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Color

**YIQ(27.9080, 29.6180,
2.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1200
RGB	58, 18, 0
RGB Percent	23%, 7%, 0%
CMY	0.7725, 0.9295, 0.9999
CMYK	0.00, 0.69, 1.00, 0.77
HSL	19°, 100%, 11%
HSV	19°, 100%, 23%
XYZ	1.9624, 1.3323, 0.1547
YIQ	27.9080, 29.6180, 2.8820

Conversions

Conversions Part 2

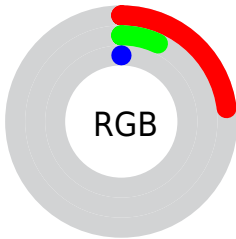
Format	Color
R_{YB}	58, 26, 0
Decimal	3805696
CIE Lab	11.50, 18.63, 17.61
CIE LCh	11, 25.642, 43.388
Yxy	1.3323, 0.5689, 0.3862
Android (android.graphics.Color)	4281995776 (0xFF3A1200)
YUV	27.9080, -13.7586, 26.3907
Hunter-Lab	11.5426, 10.1475, 7.2852

Details

The YIQ color **27.9080, 29.6180, 2.8820** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **30.0920, -29.6180, -2.8820**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **74.0440, 32.2310, 5.0870**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.9080, 29.6180, 2.8820**, and if you desaturate by 10%, it is **30.9400, 26.5920, 2.6560**.

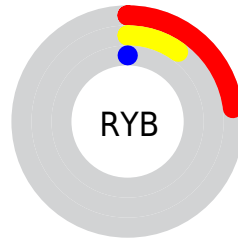
Distribution



Red (23%)

Green (7%)

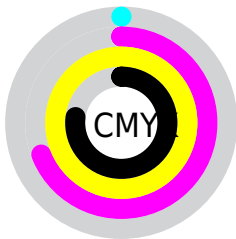
Blue (0%)



Red (23%)

Yellow (10%)

Blue (0%)

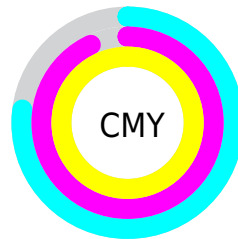


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.9080, 29.6180, 2.8820 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 27.9080, 29.6180, 2.8820 by changing the saturation by 10% instead.

■ 27.9080, 29.6180,
2.8820

■ 27.9080, 29.6180,
2.8820

■ 246.4110, 11.7840,
-4.3120

■ 10.7640, 21.4560,
7.6320

■ 74.0440, 32.2310,
5.0870

■ 0.0000, 0.0000,
0.0000

■ 98.8270, 34.3400,
5.4120


■ 123.7240, 36.1280,
6.0480


■ 150.0940, 37.9620,
5.8500


■ 176.9910, 39.7500,
6.4860


■ 204.5890, 40.9420,


6.9100


 226.1960, 28.7470,
2.1470


 27.9080, 29.6180,
2.8820

 30.9400, 26.5920,
2.6560

 33.9720, 23.5660,
2.4300

 36.8900, 20.8610,
1.8930

 39.9220, 17.8350,
1.6670

 42.9540, 14.8090,
1.4410

■ 45.9860, 11.7830,
1.2150

■ 49.0180, 8.7570,
0.9890

■ 51.9360, 6.0520,
0.4520

■ 54.9680, 3.0260,
0.2260

Harmonies

Analogous

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



28.2040, 26.2690, 14.0210



27.9080, 29.6180, 2.8820



29.3150, 20.8620, -3.6340

Triad

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



27.9080, 29.6180, 2.8820



24.5860, -16.8700, -13.6540



26.2160, -26.7310, 5.3730

Complementary

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



27.9080, 29.6180, 2.8820



30.0920, -29.6180, -2.8820

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.



27.8410, -30.1690, 1.5990



27.9080, 29.6180, 2.8820



27.2250, -22.9230, -8.5790

Square

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



27.9080, 29.6180, 2.8820



25.3180, -1.5560, -15.8600



28.4620, -27.7840, -3.0800



31.5570, 0.4100, 14.6020

Rectangle

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



27.9080, 29.6180, 2.8820



28.9720, 14.3980, -7.6340



28.4620, -27.7840, -3.0800



26.3080, -29.9860, 3.7900

Sweetspot

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



27.9080, 29.6180, 2.8820



64.9860, 11.7830, 1.2150



22.0160, 21.4070, 25.0470



31.1210, 6.9690, 0.3530



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



27.9080, 29.6180, 2.8820



37.1110, 39.2920, 3.7720



44.3440, 21.9180, -11.7620



26.4840, 1.5130, 0.1130



43.9440, 47.1320, 4.8600



105.3970, 111.8240, 10.8640

Inverse Universe

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



30.0920, -29.6180, -2.8820



39.8890, -39.2920, -3.7720



13.6560, -21.9180, 11.7620



26.5160, -1.5130, -0.1130



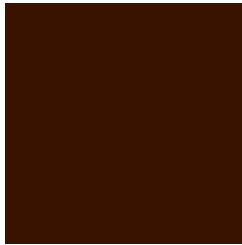
47.4690, -46.8570, -4.3370



113.6030, -111.8240, -10.8640

Previews

White Background



This preview shows how the YIQ color 27.9080, 29.6180, 2.8820 looks on a white background.

Color Contrast Check

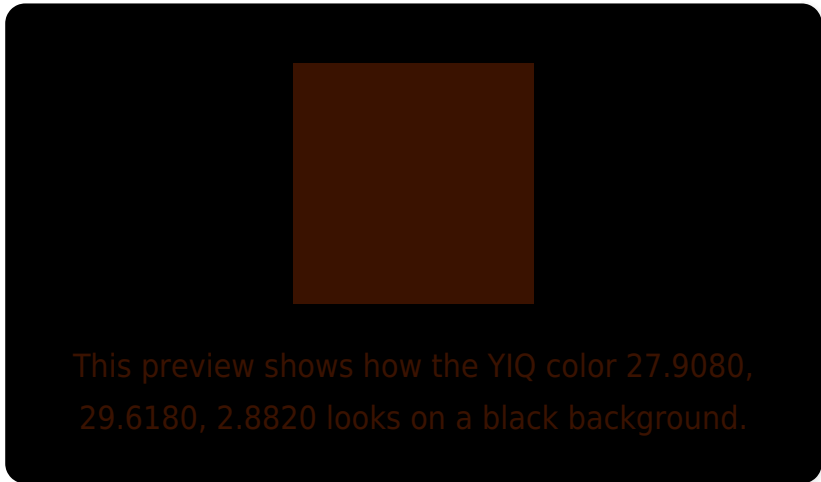
Large Text (above 18pt) WCAG AA ✓ Pass

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

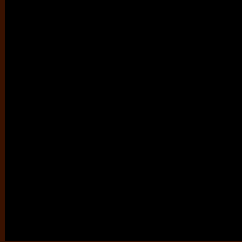
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.9080, 29.6180, 2.8820

Background



This preview shows how black text looks on a background with the YIQ color 27.9080, 29.6180, 2.8820.

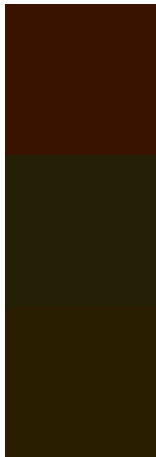


This preview shows how white text looks on a background with the YIQ color 27.9080, 29.6180,

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

27.9080, 29.6180, 2.8820

Protanopia

30.2320, 10.7300, -7.2380

Deuteranopia

30.4560, 15.9110, -7.5210



Tritanopia

29.3730, 24.1150, 9.0030

Trichromacy



Original Color

27.9080, 29.6180, 2.8820

Protanomaly

29.4610, 17.5150, -3.5490

Deuteranomaly

29.3150, 20.8620, -3.6340

Tritanomaly

28.5750, 26.3620, 6.8260

Monochromacy



Original Color

27.9080, 29.6180, 2.8820

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

27.8010, 10.8660, 1.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.9080, 29.6180, 2.8820 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(58, 18, 0)` looks like.

```
.text, #text, p{  
    color:rgb(58, 18, 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(58, 18, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 18, 0) }
```

Border

The CSS property to change the border of an element to YIQ 27.9080, 29.6180, 2.8820 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(58, 18, 0) }
```


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

```
.border{ border-color:rgb(58, 18, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 18, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 18, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 18, 0); box-shadow:4px  
4px 4px 4px rgb(58, 18, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 27.9080, 29.6180, 2.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 18, 0) }
```

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

```
.background{ background-color: rgb(58, 18,  
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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