

Converting Colors

YIQ(29.3110, 18.6580, 14.2900)

Have a look what the booklet for
YIQ(29.3110, 18.6580, 14.2900)
contains.

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Color

**YIQ(29.3110, 18.6580,
14.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	380F21
RGB	56, 15, 33
RGB Percent	22%, 6%, 13%
CMY	0.7803, 0.9412, 0.8705
CMYK	0.00, 0.73, 0.41, 0.78
HSL	334°, 58%, 14%
HSV	334°, 73%, 22%
XYZ	2.0777, 1.2926, 1.5800
YIQ	29.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

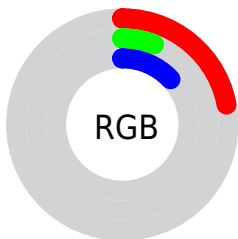
Format	Color
R_{YB}	56, 15, 33
Decimal	3673889
CIE _{Lab}	11.22, 22.46, -1.84
CIE _{LCh}	11, 22.537, 355.305
Yxy	1.2926, 0.4197, 0.2611
Android (android.graphics.Color)	4281863969 (0xFF380F21)
YUV	29.3110, 1.8187, 23.4063
Hunter-Lab	11.3693, 12.7248, -0.2809

Details

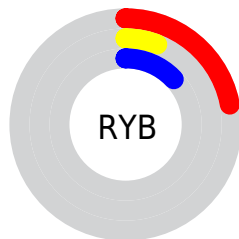
The YIQ color **29.3110, 18.6580, 14.2900** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **41.6890, -18.6580, -14.2900**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **75.3930, 21.3630, 14.8270**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.4470, 21.2710, 16.4950**, and if you desaturate by 10%, it is **33.1750, 16.0450, 12.0850**.

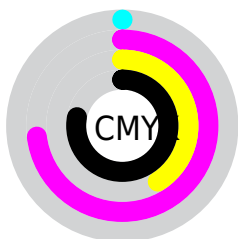
Distribution



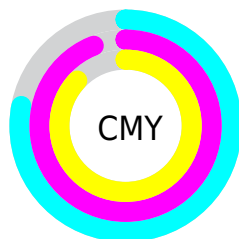
- Red (22%)
- Green (6%)
- Blue (13%)



- Red (22%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (73%)
- Yellow (41%)
- Black (78%)





- Cyan (78%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 29.3110, 18.6580, 14.2900 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 29.3110, 18.6580, 14.2900 by changing the saturation by 10% instead.

 29.3110, 18.6580,
14.2900


 29.3110, 18.6580,
14.2900


 248.5430, 3.0250,
5.7530


 12.2030, 18.8420,
10.9540


 75.3930, 21.3630,
14.8270

 0.0000, 0.0000,
0.0000

 99.4040, 22.8300,
15.7740


 125.0020, 24.0220,
16.1980


 151.3010, 24.6180,
16.4100


 177.8990, 25.8100,
16.8340


 205.6110, 26.6810,


17.5690


 229.1260, 17.7410,
14.3890


 29.3110, 18.6580,
14.2900


 29.3110, 18.6580,
14.2900


 25.4470, 21.2710,
16.4950


 33.1750, 16.0450,
12.0850


 22.1700, 23.6090,
18.1770

 36.4520, 13.7070,
10.4030

 19.5940, 25.3510,
19.6470

 40.3160, 11.0940,
8.1980

 43.7070, 8.4350,
6.8270

 47.5710, 5.8220,
4.6220

■ 51.4350, 3.2090,
2.4170

■ 54.7120, 0.8710,
0.7350

■ 58.5760, -1.7420,
-1.4700

■ 61.8530, -4.0800,
-3.1520

Harmonies

Analogous

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



30.9660, 6.5080, 14.2200



29.3110, 18.6580, 14.2900



28.3730, 24.1150, 9.0030

Triad

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



29.3110, 18.6580, 14.2900



27.4440, 7.0170, -11.5350



27.4020, -27.5550, -1.7230

Complementary

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



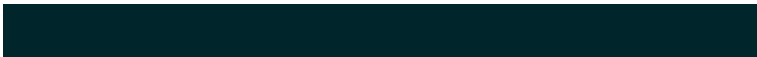
29.3110, 18.6580, 14.2900



41.6890, -18.6580, -14.2900

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.



26.6210, -23.9780, -5.9780



29.3110, 18.6580, 14.2900



23.6530, -9.8090, -14.9690

Square

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



29.3110, 18.6580, 14.2900



28.6950, 16.7360, -5.9520



24.7970, -18.8420, -10.9540



25.7380, -28.3810, 2.2350

Rectangle

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



29.3110, 18.6580, 14.2900



28.2280, 25.7210, 1.9210



24.7970, -18.8420, -10.9540



26.9460, -26.2710, -2.9670

Sweetspot

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



29.3110, 18.6580, 14.2900



63.5820, 7.2890, 5.5690



26.5510, 0.5470, 17.6270



31.5600, 4.3550, 3.6750



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.



29.3110, 18.6580, 14.2900



31.6270, 29.7520, 22.4880



28.4330, 23.8860, 7.6460



26.0110, 1.4670, 0.9470



32.0680, 41.9920, 31.9440



76.4250, 99.7080, 76.2840

Inverse Universe

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



29.3110, 18.6580, 14.2900



31.6270, 29.7520, 22.4880



42.5670, -23.8860, -7.6460



26.0110, 1.4670, 0.9470



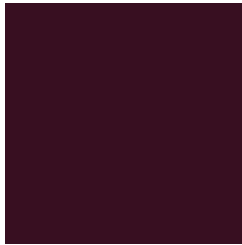
32.0680, 41.9920, 31.9440



76.4250, 99.7080, 76.2840

Previews

White Background



This preview shows how the YIQ color 29.3110, 18.6580, 14.2900 looks on a white background.

Color Contrast Check

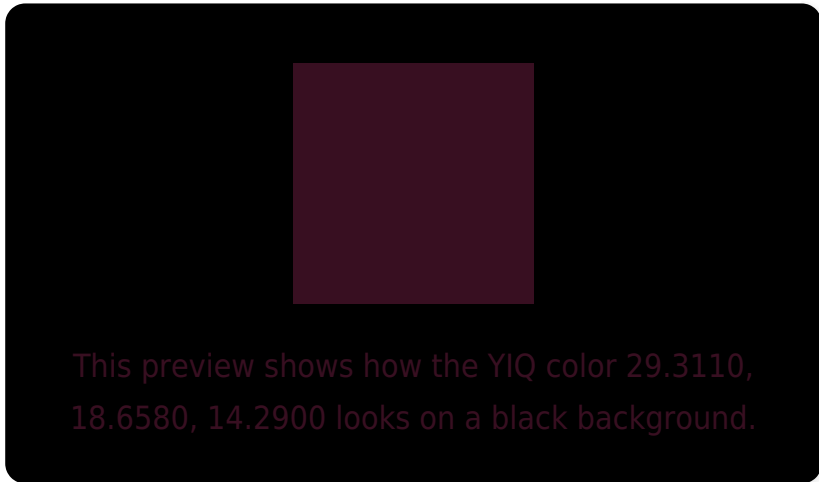
Large Text (above 18pt) WCAG AA ✓ Pass

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

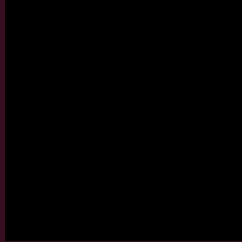
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.3110, 18.6580, 14.2900

Background



This preview shows how black text looks on a background with the YIQ color 29.3110, 18.6580, 14.2900.



This preview shows how white text looks on a background with the YIQ color 29.3110, 18.6580,

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

29.3110, 18.6580, 14.2900

Protanopia

31.4710, -5.6400, 3.0960

Deuteranopia

32.1960, 2.3840, 0.8480



Tritanopia

29.2910, 21.4100, 8.4660

Trichromacy



Original Color

29.3110, 18.6580, 14.2900

Protanomaly

30.4830, 3.2540, 7.1100

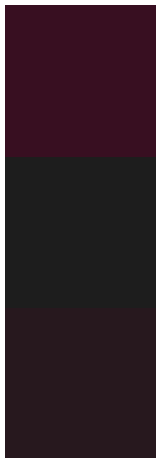
Deuteranomaly

31.1800, 8.4810, 5.9930

Tritanomaly

29.2740, 20.0800, 10.5440

Monochromacy



Original Color

29.3110, 18.6580, 14.2900

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.1690, 7.0140, 5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.3110, 18.6580, 14.2900 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(56, 15, 33)` looks like.

```
.text, #text, p{  
    color:rgb(56, 15, 33)  
}
```

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(56, 15, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 15, 33) }
```

Border

The CSS property to change the border of an element to YIQ 29.3110, 18.6580, 14.2900 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(56, 15, 33) }
```


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

```
.border{ border-color:rgb(56, 15, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 15, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 15, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 15, 33);  
box-shadow:4px 4px 4px 4px rgb(56, 15, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.3110, 18.6580, 14.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 15, 33) }
```

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

```
.background{ background-color: rgb(56, 15,  
33) }
```

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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