

Converting Colors

YIQ(29.8680, 27.0950, 10.0630)

Have a look what the booklet for
YIQ(29.8680, 27.0950, 10.0630)
contains.

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Color

**YIQ(29.8680, 27.0950,
10.0630)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 3E1011 |
| RGB | 62, 16, 17 |
| RGB Percent | 24%, 6%, 7% |
| CMY | 0.7568, 0.9373, 0.9332 |
| CMYK | 0.00, 0.74, 0.73, 0.76 |
| HSL | 359°, 59%, 15% |
| HSV | 359°, 74%, 24% |
| XYZ | 2.2748, 1.4356, 0.6886 |
| YIQ | 29.8680, 27.0950, 10.0630 |

Conversions

Conversions Part 2

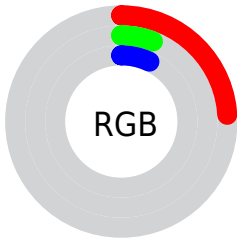
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 62, 16, 17 |
| Decimal | 4067345 |
| CIELab | 12.19, 22.57, 11.17 |
| CIELCh | 12, 25.184, 26.335 |
| Yxy | 1.4356, 0.5171, 0.3263 |
| Android (android.graphics.Color) | 4282257425 (0xFF3E1011) |
| YUV | 29.8680, -6.3439, 28.1798 |
| Hunter-Lab | 11.9817, 12.9209, 4.9795 |

Details


The YIQ color **29.8680, 27.0950, 10.0630** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.1320, -27.0950, -10.0630**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.3200, 31.6340, 10.4020**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.6620, 30.6710, 11.3350**, and if you desaturate by 10%, it is **34.0740, 23.5190, 8.7910**.

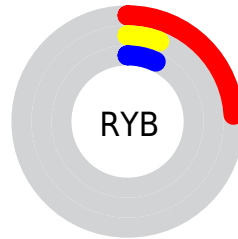
Distribution



 Red (24%)

 Green (6%)

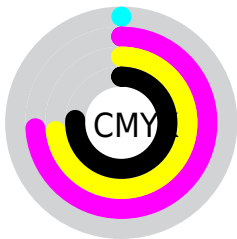
 Blue (7%)



 Red (24%)

 Yellow (6%)

 Blue (7%)

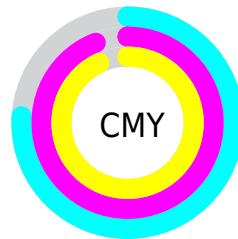


 Cyan (0%)


 Magenta (74%)

 Yellow (73%)

 Black (76%)



 Cyan (76%)

 Magenta (94%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.8680, 27.0950, 10.0630 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 29.8680, 27.0950, 10.0630 by changing the saturation by 10% instead.

■ 29.8680, 27.0950,
10.0630

■ 29.8680, 27.0950,
10.0630

■ 247.5340, 7.2440,
0.8760

■ 11.9600, 23.8400,
8.4800

■ 76.3200, 31.6340,
10.4020

■ 0.0000, 0.0000,
0.0000

■ 101.1030, 33.7430,
10.7270


■ 126.0000, 35.5310,
11.3630


■ 152.5980, 36.7230,
11.7870


■ 180.0820, 38.2360,
11.9000


■ 207.6800, 39.4280,


12.3240


 227.7920, 24.2530,
6.5010


 29.8680, 27.0950,
10.0630


 29.8680, 27.0950,
10.0630


 25.6620, 30.6710,
11.3350


 34.0740, 23.5190,
8.7910


 21.4560, 34.2470,
12.6070

 38.2800, 19.9430,
7.5190

 18.6520, 36.6310,
13.4550

 43.0730, 16.0920,
5.7240

 47.2790, 12.5160,
4.4520

 51.4850, 8.9400,
3.1800

■ 55.6910, 5.3640,
1.9080

■ 59.8970, 1.7880,
0.6360

■ 64.8040, -2.3840,
-0.8480

■ 69.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



30.4470, 21.2710, 16.4950



29.8680, 27.0950, 10.0630



30.2450, 27.0510, -0.1570

Triad

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



29.8680, 27.0950, 10.0630



23.9300, -12.1470, -16.6510



28.1830, -31.1320, 2.5320

Complementary

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



29.8680, 27.0950, 10.0630



48.1320, -27.0950, -10.0630

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.



29.2600, -30.0310, -0.9030



29.8680, 27.0950, 10.0630



26.7860, -20.3090, -11.9010

Square

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



29.8680, 27.0950, 10.0630



28.6180, 6.4670, -12.5810



28.8380, -26.0870, -6.3030



31.6910, -11.8310, 10.6730

Rectangle

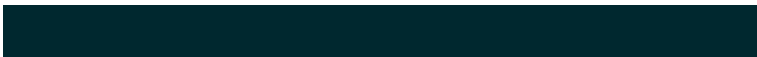
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.8680, 27.0950, 10.0630



30.4890, 20.3120, -4.6800



28.8380, -26.0870, -6.3030



28.6560, -31.0860, 1.6980

Sweetspot

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



29.8680, 27.0950, 10.0630



69.3820, 10.7280, 3.8160



34.4000, 11.4580, 23.6340



33.2890, 6.5560, 2.3320



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



29.8680, 27.0950, 10.0630



31.0550, 42.8660, 16.0980



42.0810, 21.6410, -1.2310



28.8970, 1.7880, 0.6360



28.3340, 55.3820, 20.5500



66.9480, 130.7070, 48.6190

Inverse Universe

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



29.8680, 27.0950, 10.0630



31.0550, 42.8660, 16.0980



35.9190, -21.6410, 1.2310



28.8970, 1.7880, 0.6360



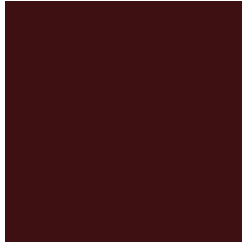
28.3340, 55.3820, 20.5500



66.9480, 130.7070, 48.6190

Previews

White Background



This preview shows how the YIQ color 29.8680, 27.0950, 10.0630 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

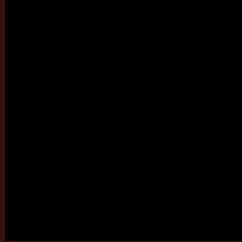
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.8680, 27.0950, 10.0630

Background



This preview shows how black text looks on a background with the YIQ color 29.8680, 27.0950, 10.0630.



This preview shows how white text looks on a background with the YIQ color 29.8680, 27.0950,

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

29.8680, 27.0950, 10.0630

Protanopia

33.3440, 4.7230, -2.9970

Deuteranopia

32.9380, 11.7380, -3.4780



Tritanopia

29.8680, 27.0950, 10.0630

Trichromacy



Original Color

29.8680, 27.0950, 10.0630

Protanomaly

31.6980, 12.6540, 1.9500

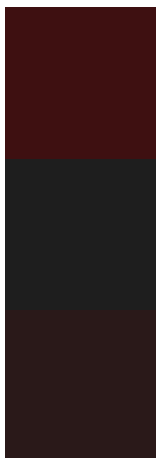
Deuteranomaly

31.6230, 17.2390, 1.4550

Tritanomaly

29.8680, 27.0950, 10.0630

Monochromacy



Original Color

29.8680, 27.0950, 10.0630

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

30.0830, 10.1320, 3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.8680, 27.0950, 10.0630 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(62, 16, 17)` looks like.

```
.text, #text, p{  
    color:rgb(62, 16, 17)  
}
```

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(62, 16, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 16, 17) }
```

Border

The CSS property to change the border of an element to YIQ 29.8680, 27.0950, 10.0630 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(62, 16, 17) }
```


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

```
.border{ border-color:rgb(62, 16, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 16, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 16, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 16, 17);  
box-shadow:4px 4px 4px 4px rgb(62, 16, 17)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.8680, 27.0950, 10.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 16, 17) }
```

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

```
.background{ background-color: rgb(62, 16,  
17) }
```

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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