

Converting Colors

YIQ(10.8880, 15.1750, 5.8230)

Have a look what the booklet for
YIQ(10.8880, 15.1750, 5.8230)
contains.

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Color

**YIQ(10.8880, 15.1750,
5.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	1D0304
RGB	29, 3, 4
RGB Percent	11%, 1%, 2%
CMY	0.8862, 0.9883, 0.9843
CMYK	0.00, 0.90, 0.86, 0.89
HSL	358°, 81%, 6%
HSV	358°, 90%, 11%
XYZ	0.5616, 0.3351, 0.1504
YIQ	10.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

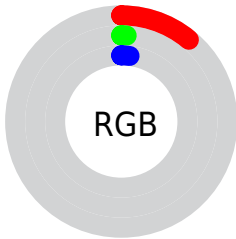
Format	Color
RYB	29, 3, 4
Decimal	1901316
CIELab	3.03, 9.96, 3.07
CIElCh	3, 10.419, 17.127
Yxy	0.3351, 0.5363, 0.3201
Android (android.graphics.Color)	4280091396 (0xFF1D0304)
YUV	10.8880, -3.3958, 15.8842
Hunter-Lab	5.7890, 7.1852, 2.5121

Details

The YIQ color **10.8880, 15.1750, 5.8230** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **21.1120, -15.1750, -5.8230**, and the grayscale version is **11.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **55.8060, 12.4700, 5.2860**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **8.7850, 16.9630, 6.4590**, and if you desaturate by 10%, it is **12.9910, 13.3870, 5.1870**.

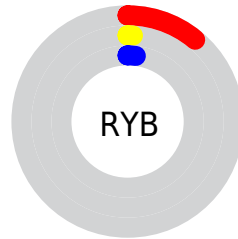
Distribution



Red (11%)

Green (1%)

Blue (2%)



Red (11%)

Yellow (1%)

Blue (2%)

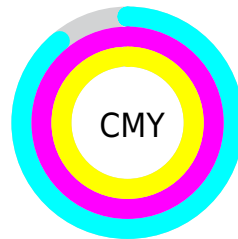


Cyan (0%)

Magenta (90%)

Yellow (86%)

Black (89%)



Cyan (89%)

Magenta (99%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 10.8880, 15.1750, 5.8230 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 10.8880, 15.1750, 5.8230 by changing the saturation by 10% instead.

■ 10.8880, 15.1750,
5.8230

■ 10.8880, 15.1750,
5.8230

■ 236.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 55.8060, 12.4700,
5.2860

■ 78.9910, 13.3870,
5.1870


■ 103.2900, 13.9830,
5.3990


■ 128.5890, 14.5790,
5.6110


■ 154.1870, 15.7710,
6.0350


■ 181.1870, 15.7710,


6.0350


 208.4860, 16.3670,
6.2470


 10.8880, 15.1750,
5.8230


 10.8880, 15.1750,
5.8230


 8.7850, 16.9630,
6.4590

 12.9910, 13.3870,
5.1870

 15.0940, 11.5990,
4.5510

 17.0830, 10.1320,
3.6040

 19.1860, 8.3440,
2.9680

 20.7020, 6.8310,
2.8550

■ 22.8050, 5.0430,
2.2190

■ 24.9080, 3.2550,
1.5830

■ 26.8970, 1.7880,
0.6360

■ 29.0000, -0.0000,
0.0000

Harmonies

Analogous

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



11.3590, 9.5350, 8.9190



10.8880, 15.1750, 5.8230



11.0080, 14.7170, 3.1090

Triad

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



10.8880, 15.1750, 5.8230



9.3920, -4.4000, -8.3680



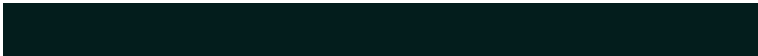
10.7090, -12.2420, 1.5980

Complementary

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



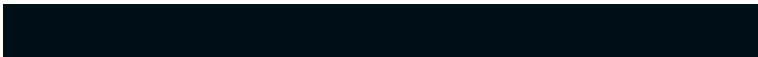
10.8880, 15.1750, 5.8230



21.1120, -15.1750, -5.8230

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.



12.1280, -12.1040, -0.9040



10.8880, 15.1750, 5.8230



10.5490, -6.2800, -7.3360

Square

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



10.8880, 15.1750, 5.8230



10.3220, 1.7890, -4.8910



11.9170, -10.1320, -3.6040



11.3400, -6.6490, 4.8630

Rectangle

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



10.8880, 15.1750, 5.8230



10.9860, 11.7830, 1.2150



11.9170, -10.1320, -3.6040



11.7690, -12.4710, 0.2410

Sweetspot

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



10.8880, 15.1750, 5.8230



30.9900, 5.9600, 2.1200



13.4390, 6.5540, 13.3860



15.7940, 3.5760, 1.2720



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



10.8880, 15.1750, 5.8230



11.5900, 22.0060, 8.6780



17.8180, 12.1960, -0.7640



14.2990, 0.5960, 0.2120



23.9630, 46.1210, 17.6810



62.8050, 120.8040, 46.3720

Inverse Universe

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



10.8880, 15.1750, 5.8230



11.5900, 22.0060, 8.6780



14.1820, -12.1960, 0.7640



14.2990, 0.5960, 0.2120



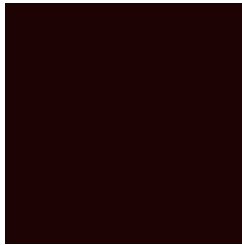
23.9630, 46.1210, 17.6810



62.8050, 120.8040, 46.3720

Previews

White Background



This preview shows how the YIQ color 10.8880, 15.1750, 5.8230 looks on a white background.

Color Contrast Check

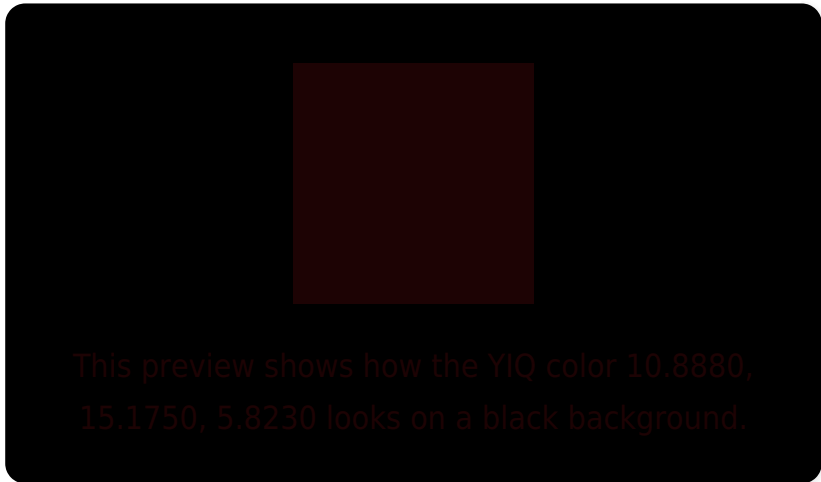
Large Text (above 18pt) WCAG AA ✓ Pass

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

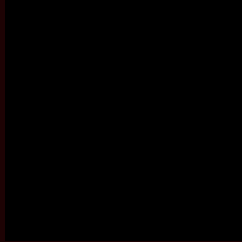
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 10.8880, 15.1750, 5.8230

Background



This preview shows how black text looks on a background with the YIQ color 10.8880, 15.1750, 5.8230.

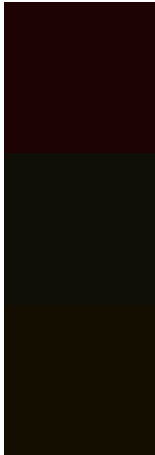


This preview shows how white text looks on a background with the YIQ color 10.8880, 15.1750,

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

10.8880, 15.1750, 5.8230

Protanopia

14.3870, 3.1640, -2.2760

Deuteranopia

13.8990, 7.4740, -3.2940



Tritanopia

10.6600, 15.8170, 5.2010

Trichromacy



Original Color

10.8880, 15.1750, 5.8230

Protanomaly

13.4200, 7.5650, 0.5650

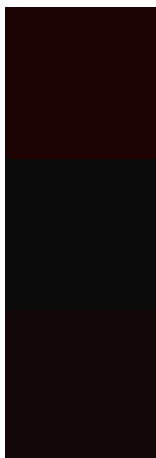
Deuteranomaly

12.8610, 10.6370, -0.0430

Tritanomaly

10.7740, 15.4960, 5.5120

Monochromacy



Original Color

10.8880, 15.1750, 5.8230

Achromatopsia

11.0000, -0.0000, -0.0000

Achromatomaly

10.9900, 5.9600, 2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 10.8880, 15.1750, 5.8230 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(29, 3, 4)` looks like.

```
.text, #text, p{  
    color:rgb(29, 3, 4)  
}
```

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(29, 3, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 3, 4) }
```

Border

The CSS property to change the border of an element to YIQ 10.8880, 15.1750, 5.8230 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(29, 3, 4) }
```


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

```
.border{ border-color:rgb(29, 3, 4) }
```

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

Here you see how a box with a 4 pixel rgb(29, 3, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 3, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 3, 4); box-shadow:4px  
4px 4px 4px rgb(29, 3, 4) }
```

Background

The CSS property to change the background color of an element to YIQ 10.8880, 15.1750, 5.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 3, 4) }
```

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

```
.background{ background-color: rgb(29, 3,  
4) }
```

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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