

Converting Colors

YIQ(18.3720, 16.6880, 5.9360)

Have a look what the booklet for
YIQ(18.3720, 16.6880, 5.9360)
contains.

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Color

**YIQ(18.3720, 16.6880,
5.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	260A0A
RGB	38, 10, 10
RGB Percent	15%, 4%, 4%
CMY	0.8509, 0.9608, 0.9607
CMYK	0.00, 0.74, 0.74, 0.85
HSL	360°, 58%, 9%
HSV	360°, 74%, 15%
XYZ	0.9632, 0.6512, 0.3626
YIQ	18.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

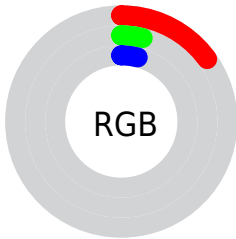
Format	Color
R_{YB}	38, 10, 10
Decimal	2492938
CIE _{Lab}	5.88, 13.88, 4.96
CIE _{LCh}	6, 14.741, 19.643
Yxy	0.6512, 0.4872, 0.3294
Android (android.graphics.Color)	4280683018 (0xFF260A0A)
YUV	18.3720, -4.1274, 17.2138
Hunter-Lab	8.0695, 7.1857, 2.9847

Details

The YIQ color **18.3720, 16.6880, 5.9360** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.6280, -16.6880, -5.9360**, and the grayscale version is **18.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **62.3830, 18.1550, 6.8830**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.5680, 19.0720, 6.7840**, and if you desaturate by 10%, it is **21.1760, 14.3040, 5.0880**.

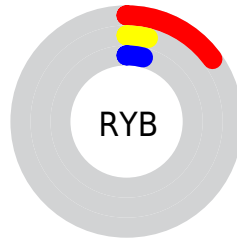
Distribution



Red (15%)

Green (4%)

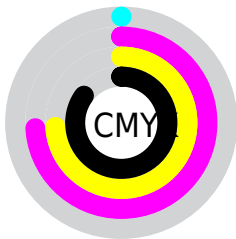
Blue (4%)



Red (15%)

Yellow (4%)

Blue (4%)

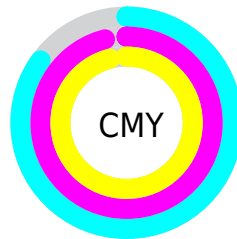


Cyan (0%)

Magenta (74%)

Yellow (74%)

Black (85%)



Cyan (85%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 18.3720, 16.6880, 5.9360 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 18.3720, 16.6880, 5.9360 by changing the saturation by 10% instead.

■ 18.3720, 16.6880,
5.9360

■ 18.3720, 16.6880,
5.9360

■ 240.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 62.3830, 18.1550,
6.8830

■ 85.9810, 19.3470,
7.3070


■ 110.2800, 19.9430,
7.5190


■ 135.8780, 21.1350,
7.9430


■ 162.1770, 21.7310,
8.1550


■ 189.3620, 22.6480,


8.0560


 217.6610, 23.2440,
8.2680


 18.3720, 16.6880,
5.9360


 18.3720, 16.6880,
5.9360


 15.5680, 19.0720,
6.7840

 21.1760, 14.3040,
5.0880


 12.7640, 21.4560,
7.6320

 23.9800, 11.9200,
4.2400

 11.3620, 22.6480,
8.0560

 26.0830, 10.1320,
3.6040

 28.8870, 7.7480,
2.7560

 31.6910, 5.3640,
1.9080

■ 34.4950, 2.9800,
1.0600

■ 37.2990, 0.5960,
0.2120

■ 39.4020, -1.1920,
-0.4240

■ 42.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



19.2560, 11.3230, 9.5550



18.3720, 16.6880, 5.9360



18.3950, 17.8810, 0.8330

Triad

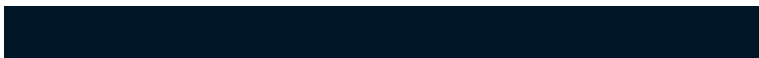
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.3720, 16.6880, 5.9360



14.9850, -4.8120, -11.9160



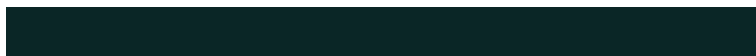
16.6590, -17.9730, 0.8350

Complementary

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



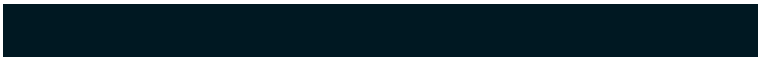
18.3720, 16.6880, 5.9360



29.6280, -16.6880, -5.9360

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.



17.9640, -17.5140, -1.9780



18.3720, 16.6880, 5.9360



16.2710, -11.3690, -8.7210

Square

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



18.3720, 16.6880, 5.9360



17.7090, 4.9530, -7.1670



17.5250, -14.9000, -5.3000



18.6820, -7.6120, 5.7960

Rectangle

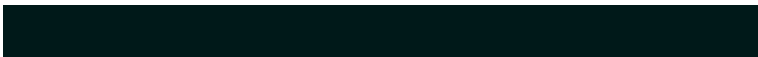
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.3720, 16.6880, 5.9360



18.9600, 14.6720, -1.5840



17.5250, -14.9000, -5.3000



17.1320, -17.9270, 0.0010

Sweetspot

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



18.3720, 16.6880, 5.9360



40.9900, 5.9600, 2.1200



21.5640, 7.7000, 14.6440



21.0930, 4.1720, 1.4840



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



18.3720, 16.6880, 5.9360



18.5580, 25.0320, 8.9040



26.5900, 12.8380, -1.3860



16.5980, 1.1920, 0.4240



24.5180, 48.8720, 17.3840



62.4910, 124.5640, 44.3080

Inverse Universe

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



18.3720, 16.6880, 5.9360



18.5580, 25.0320, 8.9040



21.4100, -12.8380, 1.3860



16.5980, 1.1920, 0.4240



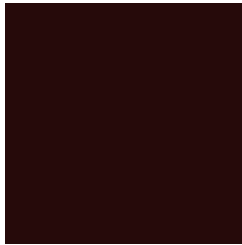
24.5180, 48.8720, 17.3840



62.4910, 124.5640, 44.3080

Previews

White Background



This preview shows how the YIQ color 18.3720, 16.6880, 5.9360 looks on a white background.

Color Contrast Check

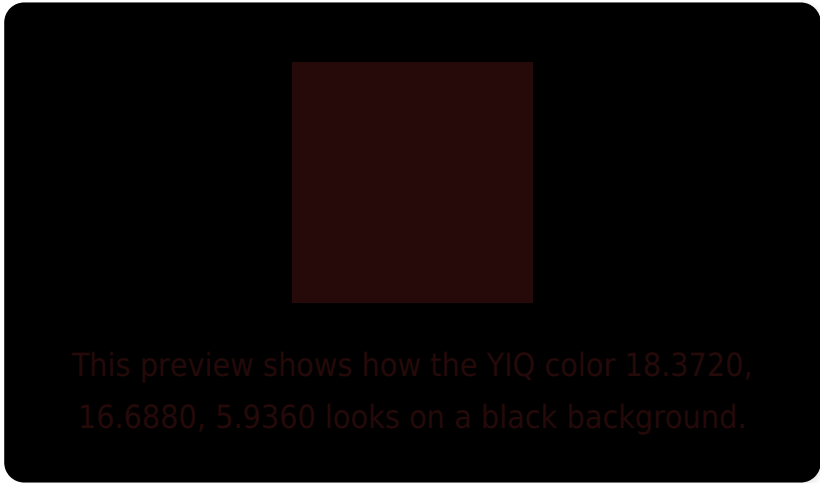
Large Text (above 18pt) WCAG AA ✓ Pass

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

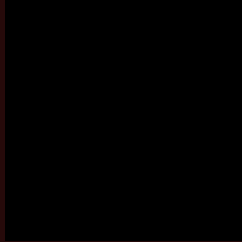
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 18.3720, 16.6880, 5.9360

Background



This preview shows how black text looks on a background with the YIQ color 18.3720, 16.6880, 5.9360.

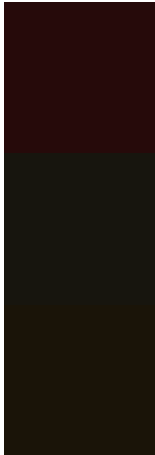


This preview shows how white text looks on a background with the YIQ color 18.3720, 16.6880,

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

18.3720, 16.6880, 5.9360

Protanopia

20.8000, 3.4390, -1.7530

Deuteranopia

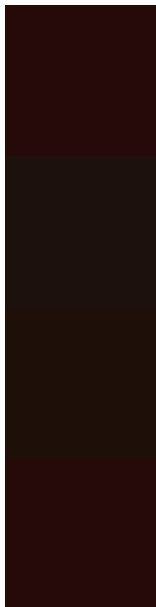
20.4260, 7.4280, -2.4600



Tritanopia

18.3720, 16.6880, 5.9360

Trichromacy



Original Color

18.3720, 16.6880, 5.9360

Protanomaly

19.8330, 7.8400, 1.0880

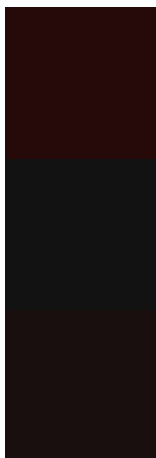
Deuteranomaly

19.3880, 10.5910, 0.7910

Tritanomaly

18.3720, 16.6880, 5.9360

Monochromacy



Original Color

18.3720, 16.6880, 5.9360

Achromatopsia

18.0000, -0.0000, 0.0000

Achromatomaly

17.9900, 5.9600, 2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 18.3720, 16.6880, 5.9360 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(38, 10, 10)` looks like.

```
.text, #text, p{  
    color:rgb(38, 10, 10)  
}
```

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(38, 10, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 10, 10) }
```

Border

The CSS property to change the border of an element to YIQ 18.3720, 16.6880, 5.9360 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(38, 10, 10) }
```


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

```
.border{ border-color:rgb(38, 10, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 10, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 10, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 10, 10);  
box-shadow:4px 4px 4px 4px rgb(38, 10, 10)  
}
```

Background

The CSS property to change the background color of an element to YIQ 18.3720, 16.6880, 5.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 10, 10) }
```

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

```
.background{ background-color: rgb(38, 10,  
10) }
```

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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