

Converting Colors

YIQ(18.0840, 17.5590, 6.6710)

Have a look what the booklet for
YIQ(18.0840, 17.5590, 6.6710)
contains.

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Color

**YIQ(18.0840, 17.5590,
6.6710)**

Conversions

Conversions Part 1	
Format	Color
Hex	27090A
RGB	39, 9, 10
RGB Percent	15%, 4%, 4%
CMY	0.8470, 0.9647, 0.9607
CMYK	0.00, 0.77, 0.74, 0.85
HSL	358°, 63%, 9%
HSV	358°, 77%, 15%
XYZ	0.9898, 0.6487, 0.3607
YIQ	18.0840, 17.5590, 6.6710

Conversions

Conversions Part 2

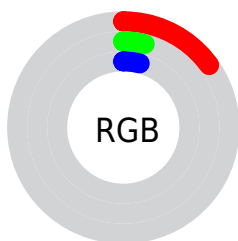
Format	Color
RYB	39, 9, 10
Decimal	2558218
CIELab	5.86, 14.96, 4.94
CIELCh	6, 15.760, 18.283
Yxy	0.6487, 0.4951, 0.3245
Android (android.graphics.Color)	4280748298 (0xFF27090A)
YUV	18.0840, -3.9854, 18.3433
Hunter-Lab	8.0545, 7.8408, 2.9829

Details

The YIQ color **18.0840, 17.5590, 6.6710** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.9160, -17.5590, -6.6710**, and the grayscale version is **18.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **62.0950, 19.0260, 7.6180**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.2800, 19.9430, 7.5190**, and if you desaturate by 10%, it is **20.8880, 15.1750, 5.8230**.

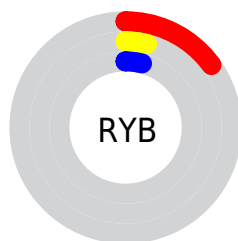
Distribution



Red (15%)

Green (4%)

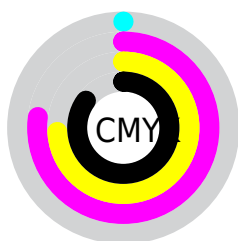
Blue (4%)



Red (15%)

Yellow (4%)

Blue (4%)

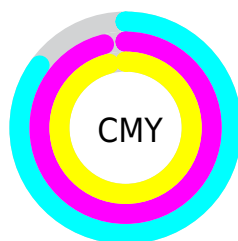


Cyan (0%)

Magenta (77%)

Yellow (74%)

Black (85%)



Cyan (85%)


Magenta (96%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 18.0840, 17.5590, 6.6710 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 18.0840, 17.5590, 6.6710 by changing the saturation by 10% instead.


 18.0840, 17.5590,
6.6710


 18.0840, 17.5590,
6.6710


 239.6920, 12.7910,
4.9750


 0.0000, 0.0000,
0.0000

 62.0950, 19.0260,
7.6180

 85.6930, 20.2180,
8.0420


 110.2910, 21.4100,
8.4660


 135.8890, 22.6020,
8.8900


 162.1880, 23.1980,
9.1020


 189.3730, 24.1150,


9.0030


 217.6720, 24.7110,
9.2150


 18.0840, 17.5590,
6.6710


 18.0840, 17.5590,
6.6710


 15.2800, 19.9430,
7.5190


 20.8880, 15.1750,
5.8230


 12.4760, 22.3270,
8.3670

 23.6920, 12.7910,
4.9750

 11.7750, 22.9230,
8.5790

 26.3820, 10.7280,
3.8160

 29.1860, 8.3440,
2.9680

 31.4030, 6.2350,
2.6430

■ 34.2070, 3.8510,
1.7950

■ 36.8970, 1.7880,
0.6360

■ 39.7010, -0.5960,
-0.2120

■ 42.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



18.7830, 11.2770, 10.3890



18.0840, 17.5590, 6.6710



18.1070, 18.7520, 1.5680

Triad

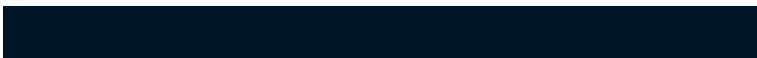
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.0840, 17.5590, 6.6710



14.6860, -5.4080, -12.1280



17.3600, -18.5690, 0.6230

Complementary

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



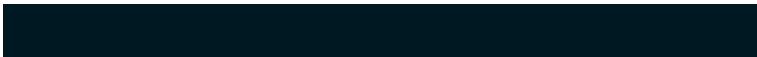
18.0840, 17.5590, 6.6710



29.9160, -17.5590, -6.6710

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



18.0840, 17.5590, 6.6710



16.7440, -11.3230, -9.5550

Square

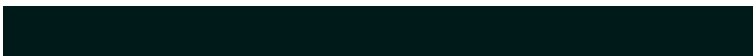
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.0840, 17.5590, 6.6710



17.7090, 4.9530, -7.1670



18.1120, -15.1750, -5.8230



18.8990, -9.7210, 5.4710

Rectangle

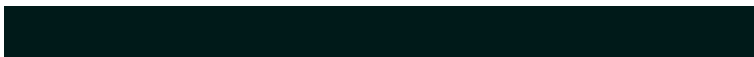
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.0840, 17.5590, 6.6710



18.3730, 14.9470, -1.0610



18.1120, -15.1750, -5.8230



17.8330, -18.5230, -0.2110

Sweetspot

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



18.0840, 17.5590, 6.6710



42.7020, 6.8310, 2.8550



21.0910, 7.6540, 15.4780



20.5060, 4.4470, 2.0070



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.



18.0840, 17.5590, 6.6710



18.2810, 27.3700, 10.5860



26.1880, 14.0300, -0.9620



18.5980, 1.1920, 0.4240



25.4580, 49.1010, 18.7410



64.1860, 124.1050, 47.1210

Inverse Universe

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



18.0840, 17.5590, 6.6710



18.2810, 27.3700, 10.5860



22.3990, -14.3050, 0.4390



18.5980, 1.1920, 0.4240



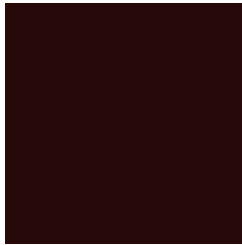
25.4580, 49.1010, 18.7410



64.1860, 124.1050, 47.1210

Previews

White Background



This preview shows how the YIQ color 18.0840, 17.5590, 6.6710 looks on a white background.

Color Contrast Check

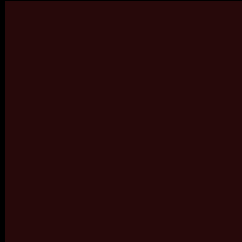
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 18.0840, 17.5590, 6.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

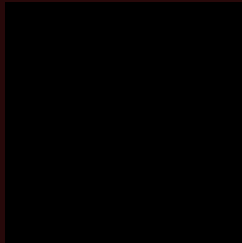
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 18.0840, 17.5590, 6.6710

Background



This preview shows how black text looks on a background with the YIQ color 18.0840, 17.5590, 6.6710.



This preview shows how white text looks on a background with the YIQ color 18.0840, 17.5590,

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

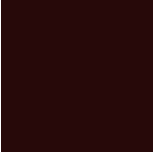
18.0840, 17.5590, 6.6710

Protanopia

20.8000, 3.4390, -1.7530

Deuteranopia

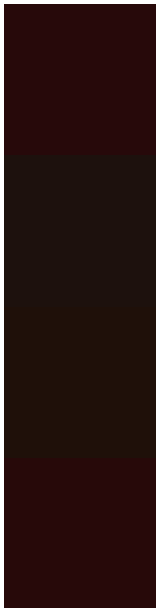
20.4260, 7.4280, -2.4600



Tritanopia

17.9700, 17.8800, 6.3600

Trichromacy



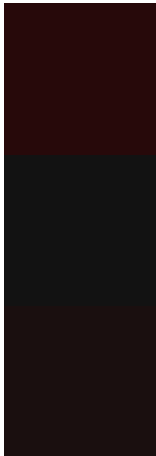
Original Color
18.0840, 17.5590, 6.6710

Protanomaly
20.1320, 8.4360, 1.3000

Deuteranomaly
19.6870, 11.1870, 1.0030

Tritanomaly
17.9700, 17.8800, 6.3600

Monochromacy



Original Color
18.0840, 17.5590, 6.6710

Achromatopsia
18.0000, -0.0000, 0.0000

Achromatomaly
18.2890, 6.5560, 2.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 18.0840, 17.5590, 6.6710 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(39, 9, 10)` looks like.

```
.text, #text, p{  
    color:rgb(39, 9, 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(39, 9, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 9, 10) }
```

Border

The CSS property to change the border of an element to YIQ 18.0840, 17.5590, 6.6710 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(39, 9, 10) }
```

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

```
.border{ border-color:rgb(39, 9, 10) }
```

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

Here you see how a box with a 4 pixel rgb(39, 9, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 9, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 9, 10); box-shadow:4px  
4px 4px 4px rgb(39, 9, 10) }
```

Background

The CSS property to change the background color of an element to YIQ 18.0840, 17.5590, 6.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 9, 10) }
```

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

```
.background{ background-color: rgb(39, 9,  
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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