

Converting Colors

YIQ(16.4360, 1.4680, -4.5800)

Have a look what the booklet for
YIQ(16.4360, 1.4680, -4.5800)
contains.

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Color

**YIQ(16.4360, 1.4680,
-4.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	0F1307
RGB	15, 19, 7
RGB Percent	6%, 7%, 3%
CMY	0.9412, 0.9255, 0.9725
CMYK	0.21, 0.00, 0.63, 0.93
HSL	80°, 46%, 5%
HSV	80°, 63%, 7%
XYZ	0.4682, 0.5827, 0.2889
YIQ	16.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

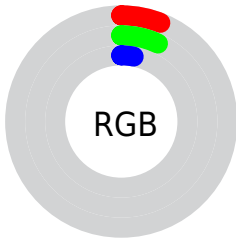
Format	Color
R_{YB}	7, 19, 11
Decimal	987911
CIE _{Lab}	5.26, -3.51, 4.94
CIE _{LCh}	5, 6.060, 125.359
Yxy	0.5827, 0.3495, 0.4349
Android (android.graphics.Color)	4279177991 (0xFF0F1307)
YUV	16.4360, -4.6519, -1.2594
Hunter-Lab	7.6333, -2.4096, 3.0992

Details

The YIQ color **16.4360, 1.4680, -4.5800** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **9.5640, -1.4680, 4.5800**, and the grayscale version is **16.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **59.0770, 1.1010, -3.4350**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.9090, 1.5140, -5.4140**, and if you desaturate by 10%, it is **16.9630, 1.4220, -3.7460**.

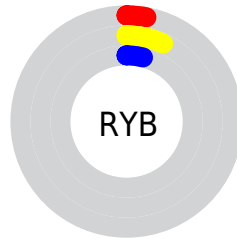
Distribution



Red (6%)

Green (7%)

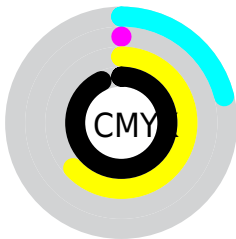
Blue (3%)



Red (3%)

Yellow (7%)

Blue (4%)

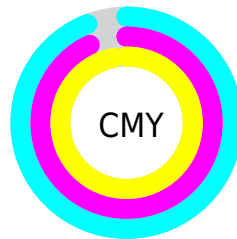


Cyan (21%)

Magenta (0%)

Yellow (63%)

Black (93%)



Cyan (94%)

Magenta (93%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 16.4360, 1.4680, -4.5800 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 16.4360, 1.4680, -4.5800 by changing the saturation by 10% instead.

■ 16.4360, 1.4680,
-4.5800

■ 16.4360, 1.4680,
-4.5800

■ 240.5500, 1.1470,
-4.2690

■ 0.0000, 0.0000,
0.0000

■ 59.0770, 1.1010,
-3.4350

■ 82.0770, 1.1010,
-3.4350

■ 106.6640, 0.8260,
-3.9580

■ 131.6640, 0.8260,
-3.9580

■ 157.6640, 0.8260,
-3.9580

■ 184.5500, 1.1470,

-4.2690

■ 212.2510, 0.5510,
-4.4810

■ 16.4360, 1.4680,
-4.5800

■ 16.4360, 1.4680,
-4.5800

■ 15.9090, 1.5140,
-5.4140

■ 16.9630, 1.4220,
-3.7460

■ 15.6810, 2.1560,
-6.0360

■ 17.1910, 0.7800,
-3.1240

■ 15.1540, 2.2020,
-6.8700

■ 17.7180, 0.7340,
-2.2900

■ 15.0400, 2.5230,
-7.1810

■ 18.2450, 0.6880,
-1.4560

■ 18.4730, 0.0460,
-0.8340

■ 18.8860, 0.3210,
-0.3110

■ 19.1140, -0.3210,
0.3110

■ 19.6410, -0.3670,
1.1450

■ 20.1680, -0.4130,
1.9790

Harmonies

Analogous

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



16.7140, 6.5570, -3.1950



16.4360, 1.4680, -4.5800



15.6140, -4.9050, -4.7210

Triad

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



16.4360, 1.4680, -4.5800



15.7970, -9.6740, -0.8900



18.2290, 6.7850, 3.6890

Complementary

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



16.4360, 1.4680, -4.5800



9.5640, -1.4680, 4.5800

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.



18.4890, 3.1170, 4.0850



16.4360, 1.4680, -4.5800



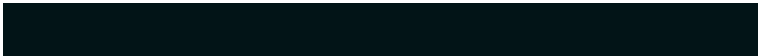
17.4170, -5.5480, 1.4280

Square

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



16.4360, 1.4680, -4.5800



14.9600, -11.6910, -2.8830



18.2220, -0.5050, 3.6470



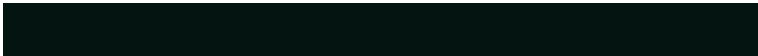
17.5450, 8.7110, 1.8230

Rectangle

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



16.4360, 1.4680, -4.5800



14.7600, -8.2520, -4.6360



18.2220, -0.5050, 3.6470



18.0440, 5.8680, 3.7880

Sweetspot

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



16.4360, 1.4680, -4.5800



24.8320, 0.4130, -1.9790



12.9360, 6.0520, 0.4520



12.3590, 0.3670, -1.1450



140.0000, 0.0000, 0.0000



13.0000, -0.0000, -0.0000

Same Dimension

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



16.4360, 1.4680, -4.5800



21.6270, 2.2480, -7.7040



14.6420, -2.1080, -5.8520



9.8860, 0.3210, -0.3110



58.0890, 8.8540, -28.3140



158.0530, 24.5890, -76.7150

Inverse Universe

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



9.5640, -1.4680, 4.5800



10.3730, -2.2480, 7.7040



11.3580, 2.1080, 5.8520



9.4130, 0.2750, 0.5230



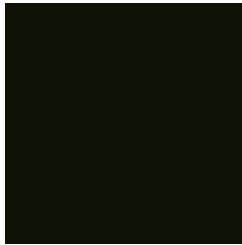
15.9110, -8.8540, 28.3140



42.9470, -24.5890, 76.7150

Previews

White Background



This preview shows how the YIQ color 16.4360, 1.4680, -4.5800 looks on a white background.

Color Contrast Check

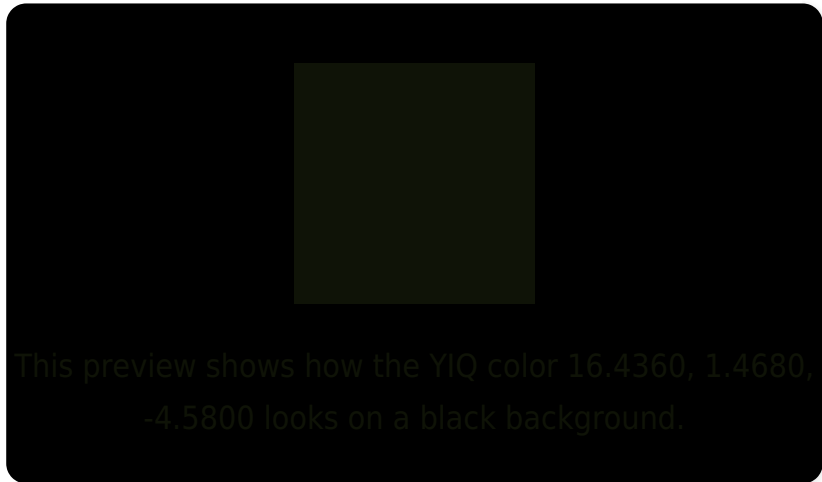
Large Text (above 18pt) WCAG AA ✓ Pass

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

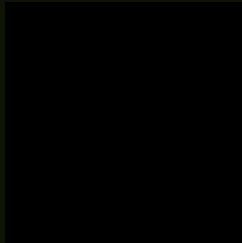
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

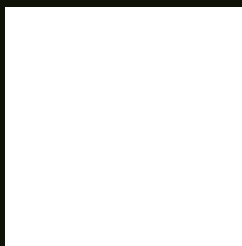
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 16.4360, 1.4680, -4.5800

Background



This preview shows how black text looks on a background with the YIQ color 16.4360, 1.4680, -4.5800.



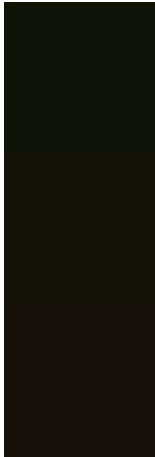
This preview shows how white text looks on a background with the YIQ color 16.4360, 1.4680,

-4.5800.

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

16.4360, 1.4680, -4.5800

Protanopia

17.3440, 4.7230, -2.9970

Deuteranopia

17.4690, 5.8690, -1.7390



Tritanopia

17.5160, -1.5130, -0.1130

Trichromacy



Original Color

16.4360, 1.4680, -4.5800

Protanomaly

16.7460, 3.5310, -3.4210

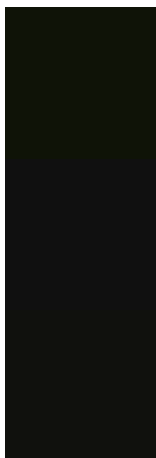
Deuteranomaly

17.1590, 3.8060, -2.8980

Tritanomaly

17.0600, -0.2290, -1.3570

Monochromacy



Original Color

16.4360, 1.4680, -4.5800

Achromatopsia

16.0000, -0.0000, -0.0000

Achromatomaly

16.2450, 0.6880, -1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 16.4360, 1.4680, -4.5800 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(15, 19, 7)` looks like.

```
.text, #text, p{  
    color:rgb(15, 19, 7)  
}
```

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(15, 19, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 19, 7) }
```

Border

The CSS property to change the border of an element to YIQ 16.4360, 1.4680, -4.5800 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(15, 19, 7) }
```


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

```
.border{ border-color:rgb(15, 19, 7) }
```

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

Here you see how a box with a 4 pixel rgb(15, 19, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 19, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(15, 19, 7); box-shadow:4px  
4px 4px 4px rgb(15, 19, 7) }
```

Background

The CSS property to change the background color of an element to YIQ 16.4360, 1.4680, -4.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 19, 7) }
```

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

```
.background{ background-color: rgb(15, 19,  
7) }
```

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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