

Converting Colors

YIQ(107.0180, -17.6060,
-0.3100)

Have a look what the booklet for
YIQ(107.0180, -17.6060, -0.3100)
contains.

YIQ(107.0180, -17.6060, -0.3100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(107.0180, -17.6060,
-0.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	5A707E
RGB	90, 112, 126
RGB Percent	35%, 44%, 49%
CMY	0.6471, 0.5607, 0.5060
CMYK	0.29, 0.11, 0.00, 0.51
HSL	203°, 17%, 42%
HSV	203°, 29%, 49%
XYZ	13.7751, 15.2693, 21.9529
YIQ	107.0180, -17.6060, -0.3100

Conversions

Conversions Part 2

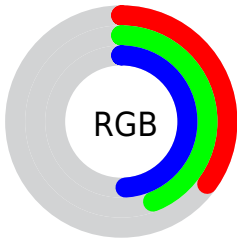
Format	Color
R_{YB}	90, 104, 126
Decimal	5927038
CIE _{Lab}	46.00, -4.61, -10.38
CIE _{LCh}	46, 11.355, 246.056
Yxy	15.2693, 0.2701, 0.2994
Android (android.graphics.Color)	4284117118 (0xFF5A707E)
YUV	107.0180, 9.3581, -14.9248
Hunter-Lab	39.0760, -5.4578, -5.9560

Details


The YIQ color $107.0180, -17.6060, -0.3100$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $108.9820, 17.6060, 0.3100$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $158.8330, -18.5230, -0.2110$, and $59.2030, -16.6890, -0.4090$ is the 20% darker color. If you saturate the color by 10%, you get $100.1960, -23.9790, -0.4510$, and if you desaturate by 10%, it is $113.8400, -11.2330, -0.1690$.

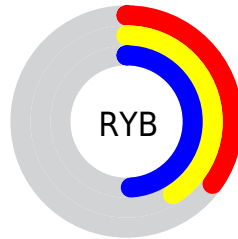
Distribution



 Red (35%)

 Green (44%)

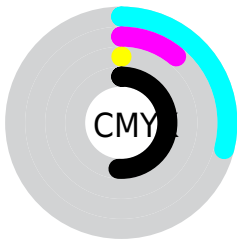
 Blue (49%)




 Red (35%)

 Yellow (41%)

 Blue (49%)

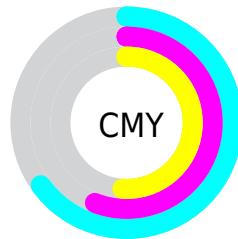


 Cyan (29%)

 Magenta (11%)

 Yellow (0%)

 Black (51%)



 Cyan (65%)

 Magenta (56%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.0180, -17.6060, -0.3100 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 107.0180, -17.6060, -0.3100 by changing the saturation by 10% instead.

■ 107.0180,
-17.6060, -0.3100

■ 107.0180,
-17.6060, -0.3100

■ 255.0000, -0.0000,
-0.0000

■ 82.9040, -17.2850,
-0.6210

■ 158.8330,
-18.5230, -0.2110

■ 59.2030, -16.6890,
-0.4090

■ 185.8330,
-18.5230, -0.2110

■ 36.7900, -16.9640,
-0.9320

■ 213.5340,
-19.1190, -0.4230

■ 16.6760, -16.6430,
-1.2430

■ 240.7360,
-16.8720, -2.6000

■ 0.9120, -2.5680,
2.4880

■ 254.1030, -1.7880,
-0.6360

■ 0.0000, 0.0000,
0.0000

■ 107.0180,
-17.6060, -0.3100

■ 107.0180,
-17.6060, -0.3100

■ 100.1960,
-23.9790, -0.4510

■ 113.8400,
-11.2330, -0.1690

■ 93.6730, -29.7560,
-0.3800

■ 120.3630, -5.4560,
-0.2400

■ 86.8510, -36.1290,
-0.5210

■ 127.1850, 0.9170,
-0.0990

■ 80.3280, -41.9060,
-0.4500

■ 133.7080, 6.6940,
-0.1700

■ 74.0930, -48.5540,
-1.1140

■ 139.9430, 13.3420,
0.4940

■ 67.2710, -54.9270,
-1.2550

■ 146.7650, 19.7150,
0.6350

■ 60.7480, -60.7040,
-1.1840

■ 153.2880, 25.4920,
0.5640

■ 59.5630, -61.6210,

■ 160.1100, 31.8650,

-1.0850

0.7050

 166.6330, 37.6420,
0.6340

Harmonies

Analogous

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



105.7140, -19.8060, -4.4940



107.0180, -17.6060, -0.3100



108.7740, -10.8670, 4.2130

Triad

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



107.0180, -17.6060, -0.3100



110.3440, 13.8910, 7.0670



107.4420, 1.3310, -7.6050

Complementary

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



107.0180, -17.6060, -0.3100



108.9820, 17.6060, 0.3100

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.



108.6280, 9.6750, -4.6370



107.0180, -17.6060, -0.3100



109.9050, 16.5050, 3.7450

Square

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



107.0180, -17.6060, -0.3100



110.5760, 7.4260, 8.5940



109.4870, 14.6260, -0.7500



106.2390, -8.3430, -8.4950

Rectangle

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



107.0180, -17.6060, -0.3100



109.7640, -4.9070, 6.3330



109.4870, 14.6260, -0.7500



107.6380, 3.7150, -6.7570

Sweetspot

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



107.0180, -17.6060, -0.3100



155.2920, -6.6940, 0.1700



112.7280, -14.3940, -14.4740



76.9610, -4.2640, 0.1840



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



107.0180, -17.6060, -0.3100



134.2280, -27.0050, -0.6770



96.4520, -12.6560, 9.1040



60.1460, -3.3470, 0.0850



60.3780, -62.5380, -0.9860



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.2720, 14.3940, 14.4740



128.3210, 21.8660, 22.2340



119.5480, 12.6560, -9.1040



59.5490, 2.8880, 2.7280



47.1640, 51.2500, 51.3940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 107.0180, -17.6060, -0.3100 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 × Fail

Black Background



This preview shows how the YIQ color 107.0180, -17.6060, -0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0180, -17.6060, -0.3100

Background



This preview shows how black text looks on a background with the YIQ color 107.0180, -17.6060, -0.3100.



This preview shows how white text looks on a background with the YIQ color 107.0180, -17.6060, -0.3100.

-0.3100.

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

107.0180, -17.6060, -0.3100

Protanopia

109.1120, -6.0070, 4.2410

Deuteranopia

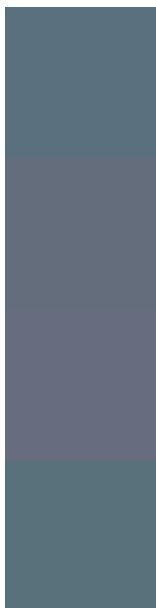
109.5900, -4.3570, 7.3790



Tritanopia

106.8500, -17.1930, -2.2890

Trichromacy



Original Color

107.0180, -17.6060, -0.3100

Protanomaly

108.0190, -10.1790, 2.7570

Deuteranomaly

108.6710, -9.0790, 4.8490

Tritanomaly

106.9640, -17.5140, -1.9780

Monochromacy



Original Color

107.0180, -17.6060, -0.3100

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.1780, -6.3730, -0.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.0180, -17.6060, -0.3100 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(90, 112, 126)` looks like.

```
.text, #text, p{  
    color:rgb(90, 112, 126)  
}
```

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(90, 112, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 112, 126) }
```

Border

The CSS property to change the border of an element to YIQ 107.0180, -17.6060, -0.3100 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(90, 112, 126) }
```


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

```
.border{ border-color:rgb(90, 112, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 112, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 112, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 112, 126);  
box-shadow:4px 4px 4px 4px rgb(90, 112,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 107.0180, -17.6060, -0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 112, 126) }
```

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

```
.background{ background-color: rgb(90, 112,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor