

Converting Colors

YIQ(145.7310, -18.4760,
-6.5720)

Have a look what the booklet for
YIQ(145.7310, -18.4760, -6.5720)
contains.

YIQ(145.7310, -18.4760, -6.5720)	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(145.7310, -18.4760,
-6.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9B9B
RGB	124, 155, 155
RGB Percent	49%, 61%, 61%
CMY	0.5138, 0.3921, 0.3922
CMYK	0.20, 0.00, 0.00, 0.39
HSL	180°, 13%, 55%
HSV	180°, 20%, 61%
XYZ	25.9478, 30.0966, 35.4438
YIQ	145.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

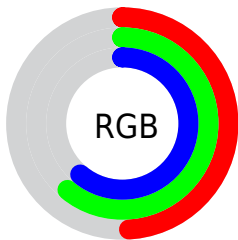
Format	Color
RYB	124, 140, 155
Decimal	8166299
CIELab	61.74, -10.72, -3.55
CIELCh	62, 11.291, 198.327
Yxy	30.0966, 0.2836, 0.3290
Android (android.graphics.Color)	4286356379 (0xFF7C9B9B)
YUV	145.7310, 4.5696, -19.0581
Hunter-Lab	54.8604, -11.5790, 0.0967

Details

The YIQ color $145.7310, -18.4760, -6.5720$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $133.2690, 18.4760, 6.5720$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $199.4320, -19.0720, -6.7840$, and $95.0300, -17.8800, -6.3600$ is the 20% darker color. If you saturate the color by 10%, you get $140.9470, -28.0120, -9.9640$, and if you desaturate by 10%, it is $150.2160, -9.5360, -3.3920$.

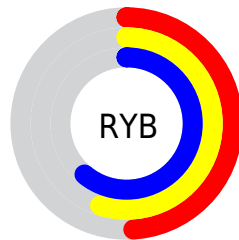
Distribution



Red (49%)

Green (61%)

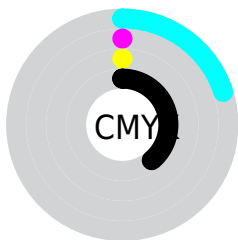
Blue (61%)



Red (49%)

Yellow (55%)

Blue (61%)

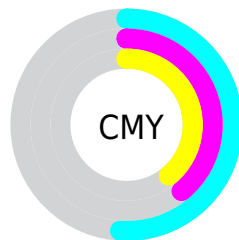


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.7310, -18.4760, -6.5720 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 145.7310, -18.4760, -6.5720 by changing the saturation by 10% instead.

■ 145.7310,
-18.4760, -6.5720

■ 145.7310,
-18.4760, -6.5720

■ 255.0000, -0.0000,
-0.0000

■ 120.0300,
-17.8800, -6.3600

■ 199.4320,
-19.0720, -6.7840

■ 95.0300, -17.8800,
-6.3600

■ 228.1330,
-19.6680, -6.9960

■ 71.3290, -17.2840,
-6.1480

■ 248.4220,
-13.1120, -4.6640

■ 48.3290, -17.2840,
-6.1480

■ 26.1440, -18.2010,
-6.0490

■ 8.6400, -7.7940,
-1.9220

■ 0.0000, 0.0000,

0.0000

■ 145.7310,
-18.4760, -6.5720

■ 145.7310,
-18.4760, -6.5720

■ 140.9470,
-28.0120, -9.9640

■ 150.2160, -9.5360,
-3.3920

■ 136.4620,
-36.9520, -13.1440

■ 155.0000, -0.0000,
0.0000

■ 131.6780,
-46.4880, -16.5360

■ 159.4850, 8.9400,
3.1800

■ 127.1930,
-55.4280, -19.7160

■ 164.2690, 18.4760,
6.5720

■ 122.4090,
-64.9640, -23.1080

■ 168.7540, 27.4160,
9.7520

■ 117.9240,
-73.9040, -26.2880

■ 173.5380, 36.9520,
13.1440

■ 113.1400,
-83.4400, -29.6800

■ 178.0230, 45.8920,
16.3240

■ 108.6550,
-92.3800, -32.8600

■ 182.8070, 55.4280,
19.7160

■ 184.9000, 59.6000,
21.2000

Harmonies

Analogous

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



146.0860, -12.2860, -8.6220



145.7310, -18.4760, -6.5720



146.7680, -19.8980, -2.8260

Triad

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



145.7310, -18.4760, -6.5720



150.8250, 2.2910, 8.0430



149.2480, 13.8010, -2.3190

Complementary

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



145.7310, -18.4760, -6.5720



133.2690, 18.4760, 6.5720

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.



150.1500, 17.1930, 2.2890



145.7310, -18.4760, -6.5720



151.3160, 11.0940, 8.1980

Square

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



145.7310, -18.4760, -6.5720



149.6820, -7.6120, 5.7960



150.7850, 16.9630, 6.4590



148.0190, 7.0160, -6.0080

Rectangle

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



145.7310, -18.4760, -6.5720



147.4310, -17.3310, 0.2130



150.7850, 16.9630, 6.4590



149.6720, 15.5430, -0.8490

Sweetspot

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



145.7310, -18.4760, -6.5720



197.4120, -7.1520, -2.5440



142.4960, -7.9290, -16.0010



99.9070, -4.1720, -1.4840



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



145.7310, -18.4760, -6.5720



186.6480, -28.6080, -10.1760



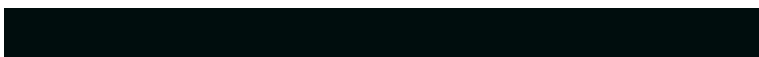
136.9260, -14.3510, 1.2730



74.4940, -4.4470, -2.0070



98.1400, -83.4400, -29.6800



9.1130, -7.7480, -2.7560

Inverse Universe

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



133.2690, 18.4760, 6.5720



167.3520, 28.6080, 10.1760



142.0740, 14.3510, -1.2730



71.3920, 4.7680, 1.6960



41.8600, 83.4400, 29.6800



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 145.7310, -18.4760, -6.5720 looks on a white background.

Color Contrast Check

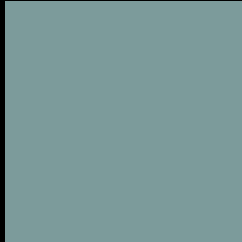
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 145.7310, -18.4760, -6.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

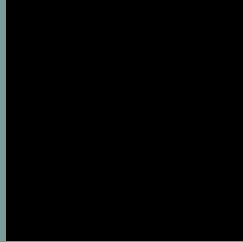
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 145.7310, -18.4760, -6.5720

Background



This preview shows how black text looks on a background with the YIQ color 145.7310, -18.4760, -6.5720.



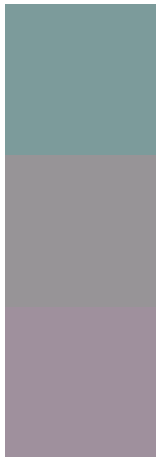
This preview shows how white text looks on a background with the YIQ color 145.7310, -18.4760, -6.5720.

-6.5720.

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

145.7310, -18.4760, -6.5720

Protanopia

149.2390, 0.8250, 1.5690

Deuteranopia

149.9670, 4.7670, 7.2230



Tritanopia

146.4090, -20.2650, -1.6810

Trichromacy



Original Color

145.7310, -18.4760, -6.5720

Protanomaly

148.1240, -6.2810, -1.8090

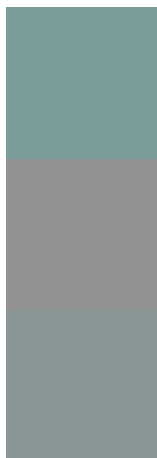
Deuteranomaly

148.3140, -3.7600, 2.0640

Tritanomaly

146.2410, -19.8520, -3.6600

Monochromacy



Original Color

145.7310, -18.4760, -6.5720

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7110, -6.5560, -2.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7310, -18.4760, -6.5720 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(124, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(124, 155, 155)  
}
```

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(124, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 155, 155) }
```

Border

The CSS property to change the border of an element to YIQ 145.7310, -18.4760, -6.5720 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(124, 155, 155) }
```


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

```
.border{ border-color:rgb(124, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(124, 155,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7310, -18.4760, -6.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 155, 155) }
```

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

```
.background{ background-color: rgb(124,  
155, 155) }
```

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