

Converting Colors

YIQ(149.1860, -18.0190, 1.6690)

Have a look what the booklet for
YIQ(149.1860, -18.0190, 1.6690)
contains.

YIQ(149.1860, -18.0190, 1.6690)	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(149.1860, -18.0190,
1.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	8599AC
RGB	133, 153, 172
RGB Percent	52%, 60%, 67%
CMY	0.4785, 0.4000, 0.3256
CMYK	0.23, 0.11, 0.00, 0.33
HSL	209°, 19%, 60%
HSV	209°, 23%, 67%
XYZ	28.5083, 30.7488, 43.4512
YIQ	149.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

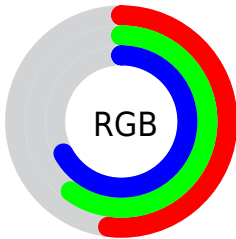
Format	Color
RYB	133, 146, 172
Decimal	8755628
CIELab	62.29, -2.78, -12.25
CIELCh	62, 12.567, 257.199
Yxy	30.7488, 0.2776, 0.2994
Android (android.graphics.Color)	4286945708 (0xFF8599AC)
YUV	149.1860, 11.2473, -14.1951
Hunter-Lab	55.4516, -5.2712, -7.6429

Details

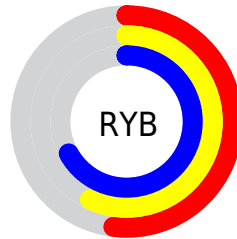
The YIQ color **149.1860, -18.0190, 1.6690** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155.8140, 18.0190, -1.6690**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.3000, -18.3400, 1.9800**, and **98.3710, -17.1020, 1.5700** is the 20% darker color. If you saturate the color by 10%, you get **139.4070, -25.9510, 2.2490**, and if you desaturate by 10%, it is **158.9650, -10.0870, 1.0890**.

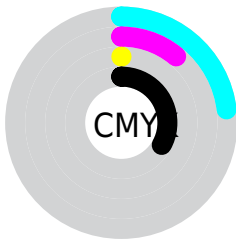
Distribution



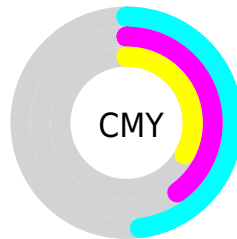
- Red (52%)
- Green (60%)
- Blue (67%)



- Red (52%)
- Yellow (57%)
- Blue (67%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.1860, -18.0190, 1.6690 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 149.1860, -18.0190, 1.6690 by changing the saturation by 10% instead.

■ 149.1860,
-18.0190, 1.6690

■ 149.1860,
-18.0190, 1.6690

■ 255.0000, -0.0000,
-0.0000

■ 123.0720,
-17.6980, 1.3580

■ 203.3000,
-18.3400, 1.9800

■ 98.3710, -17.1020,
1.5700

■ 231.8870,
-18.6150, 1.4570

■ 74.2570, -16.7810,
1.2590

■ 251.4120, -7.1520,
-2.5440

■ 51.1430, -16.4600,
0.9480

■ 29.4310, -17.3310,
0.2130

■ 10.2360, -12.2880,
2.4320

■ 0.0000, 0.0000,

0.0000

■ 149.1860,
-18.0190, 1.6690

■ 149.1860,
-18.0190, 1.6690

■ 139.4070,
-25.9510, 2.2490

■ 158.9650,
-10.0870, 1.0890

■ 129.0410,
-33.6080, 3.3520

■ 169.3310, -2.4300,
-0.0140

■ 118.9630,
-42.1360, 3.7200

■ 179.4090, 6.0980,
-0.3820

■ 109.1840,
-50.0680, 4.3000

■ 189.1880, 14.0300,
-0.9620

■ 98.8180, -57.7250,
5.4030

■ 199.5540, 21.6870,
-2.0650

■ 89.0390, -65.6570,
5.9830

■ 209.3330, 29.6190,
-2.6450

■ 78.6730, -73.3140,
7.0860

■ 219.6990, 37.2760,
-3.7480

■ 71.2640, -79.4120,
7.4680

■ 224.9930, 36.2680,
-7.5080

■ 229.6890, 34.0680,
-11.6920

Harmonies

Analogous

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



147.5720, -22.2820, -3.6740



149.1860, -18.0190, 1.6690



151.0240, -8.5750, 6.7290

Triad

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



149.1860, -18.0190, 1.6690



152.3830, 18.1550, 6.8830



148.2350, -2.5200, -9.4000

Complementary

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



149.1860, -18.0190, 1.6690



155.8140, 18.0190, -1.6690

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.



149.6770, 7.9790, -6.9410



149.1860, -18.0190, 1.6690



151.9330, 19.3020, 2.6140

Square

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



149.1860, -18.0190, 1.6690



152.5550, 11.9190, 9.7670



150.6180, 15.6350, -2.5170



147.2600, -12.8360, -9.6680

Rectangle

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



149.1860, -18.0190, 1.6690



152.0850, -1.3770, 8.4390



150.6180, 15.6350, -2.5170



148.6160, 0.7810, -8.6510

Sweetspot

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



149.1860, -18.0190, 1.6690



215.4060, -7.0150, 0.4810



158.0590, -16.8240, -14.4880



106.9610, -4.2640, 0.1840



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



149.1860, -18.0190, 1.6690



189.0370, -27.7850, 2.4470



138.0330, -12.7940, 11.6060



81.3740, -3.9890, 0.7070



62.2990, -69.3250, 6.3790



9.6660, -10.6830, 0.8770

Inverse Universe

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



146.9410, 16.8240, 14.4880



185.4740, 25.8090, 22.3610



166.9670, 12.7940, -11.6060



81.1470, 4.0800, 3.1520



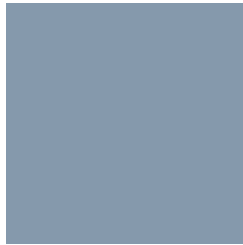
53.6280, 64.6830, 55.7470



8.2450, 9.8560, 8.6080

Previews

White Background



This preview shows how the YIQ color 149.1860, -18.0190, 1.6690 looks on a white background.

Color Contrast Check

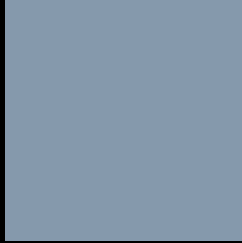
Large Text (above 18pt) WCAG AA × Fail

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 149.1860, -18.0190, 1.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

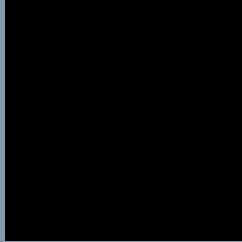
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

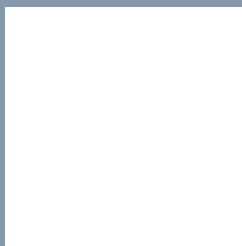
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 149.1860, -18.0190, 1.6690

Background



This preview shows how black text looks on a background with the YIQ color 149.1860, -18.0190, 1.6690.

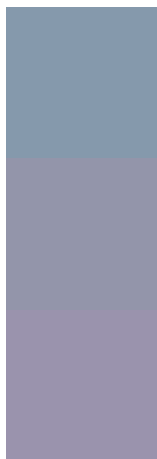


This preview shows how white text looks on a background with the YIQ color 149.1860, -18.0190,

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

149.1860, -18.0190, 1.6690

Protanopia

150.7960, -7.9330, 6.1070

Deuteranopia

152.0570, -4.1740, 9.5700



Tritanopia

148.7900, -16.9640, -0.9320

Trichromacy



Original Color

149.1860, -18.0190, 1.6690

Protanomaly

150.0020, -11.5090, 4.8350

Deuteranomaly

150.8390, -9.4920, 6.8280

Tritanomaly

149.0180, -17.6060, -0.3100

Monochromacy



Original Color

149.1860, -18.0190, 1.6690

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.7050, -6.4190, 0.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1860, -18.0190, 1.6690 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(133, 153, 172)` looks like.

```
.text, #text, p{  
    color:rgb(133, 153, 172)  
}
```

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(133, 153, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 153, 172) }
```

Border

The CSS property to change the border of an element to YIQ 149.1860, -18.0190, 1.6690 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(133, 153, 172) }
```


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

```
.border{ border-color:rgb(133, 153, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 153, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 153, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 153, 172);  
box-shadow:4px 4px 4px 4px rgb(133, 153,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1860, -18.0190, 1.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 153, 172) }
```

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

```
.background{ background-color: rgb(133,  
153, 172) }
```

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