

Converting Colors

YIQ(163.1860, -18.0190, 1.6690)

Have a look what the booklet for
YIQ(163.1860, -18.0190, 1.6690)
contains.

YIQ(163.1860, -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(163.1860, -18.0190,
1.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	93A7BA
RGB	147, 167, 186
RGB Percent	58%, 65%, 73%
CMY	0.4236, 0.3451, 0.2707
CMYK	0.21, 0.10, 0.00, 0.27
HSL	209°, 22%, 65%
HSV	209°, 21%, 73%
XYZ	34.7118, 37.3870, 51.8290
YIQ	163.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

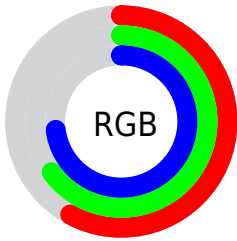
Format	Color
R_{YB}	147, 160, 186
Decimal	9676730
CIE Lab	67.57, -2.80, -12.08
CIE LCh	68, 12.400, 256.933
Yxy	37.3870, 0.2801, 0.3017
Android (android.graphics.Color)	4287866810 (0xFF93A7BA)
YUV	163.1860, 11.2473, -14.1951
Hunter-Lab	61.1449, -5.6694, -7.4553

Details

The YIQ color **163.1860, -18.0190, 1.6690** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169.8140, 18.0190, -1.6690**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.0010, -18.9360, 1.7680**, and **111.3710, -17.1020, 1.5700** is the 20% darker color. If you saturate the color by 10%, you get **152.2220, -26.8680, 2.3480**, and if you desaturate by 10%, it is **174.1500, -9.1700, 0.9900**.

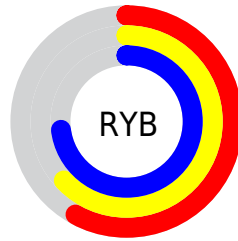
Distribution



Red (58%)

Green (65%)

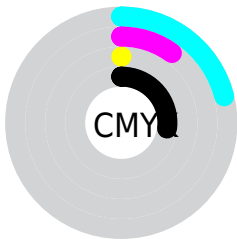
Blue (73%)



Red (58%)

Yellow (63%)

Blue (73%)

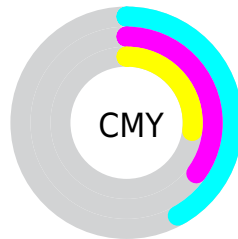


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1860, -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 163.1860, -18.0190, 1.6690 by changing the saturation by 10% instead.

■ 163.1860,
-18.0190, 1.6690

■ 163.1860,
-18.0190, 1.6690

■ 255.0000, -0.0000,
-0.0000

■ 137.0720,
-17.6980, 1.3580

■ 218.0010,
-18.9360, 1.7680

■ 111.3710,
-17.1020, 1.5700

■ 245.1770,
-13.8000, -3.2080

■ 86.9580, -17.3770,
1.0470

■ 63.1430, -16.4600,
0.9480

■ 40.7300, -16.7350,
0.4250

■ 19.9040, -17.2850,
-0.6210

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 163.1860,
-18.0190, 1.6690

■ 163.1860,
-18.0190, 1.6690

■ 152.2220,
-26.8680, 2.3480

■ 174.1500, -9.1700,
0.9900

■ 141.5570,
-35.1210, 3.2390

■ 184.8150, -0.9170,
0.0990

■ 130.5930,
-43.9700, 3.9180

■ 195.7790, 7.9320,
-0.5800

■ 119.9280,
-52.2230, 4.8090

■ 206.4440, 16.1850,
-1.4710

■ 108.9640,
-61.0720, 5.4880

■ 217.4080, 25.0340,
-2.1500

■ 98.0000, -69.9210,
6.1670

■ 227.1760, 31.4990,
-3.6770

■ 87.3350, -78.1740,
7.0580

■ 232.4590, 29.0240,
-8.3840

■ 76.9690, -85.8310,
8.1610

■ 237.7420, 26.5490,
-13.0910

■ 243.0250, 24.0740,
-17.7980

Harmonies

Analogous

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



161.5720, -22.2820, -3.6740



163.1860, -18.0190, 1.6690



165.0240, -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.



163.1860, -18.0190, 1.6690



166.6820, 18.7510, 7.0950



162.2350, -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.



163.1860, -18.0190, 1.6690



169.8140, 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.



163.6770, 7.9790, -6.9410



163.1860, -18.0190, 1.6690



165.9330, 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.



163.1860, -18.0190, 1.6690



166.5550, 11.9190, 9.7670



164.6180, 15.6350, -2.5170



161.2600, -12.8360, -9.6680

Rectangle

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



163.1860, -18.0190, 1.6690



166.0850, -1.3770, 8.4390



164.6180, 15.6350, -2.5170



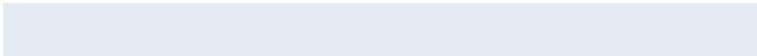
162.6160, 0.7810, -8.6510

Sweetspot

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



163.1860, -18.0190, 1.6690



233.7050, -6.4190, 0.6930



172.0590, -16.8240, -14.4880



117.2600, -3.6680, 0.3960



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



163.1860, -18.0190, 1.6690



207.0370, -27.7850, 2.4470



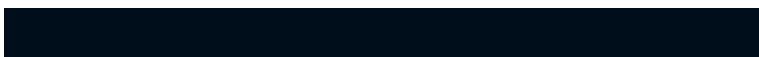
152.0330, -12.7940, 11.6060



86.3740, -3.9890, 0.7070



64.7440, -72.0760, 6.6760



11.4100, -12.8380, 1.3860

Inverse Universe

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



160.9410, 16.8240, 14.4880



203.4740, 25.8090, 22.3610



180.9670, 12.7940, -11.6060



86.1470, 4.0800, 3.1520



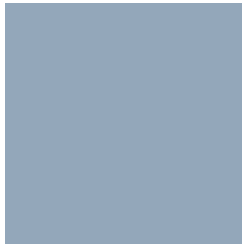
55.7640, 67.2960, 57.9520



9.9680, 12.1940, 10.2900

Previews

White Background



This preview shows how the YIQ color 163.1860, -18.0190, 1.6690 looks on a white background.

Color Contrast Check

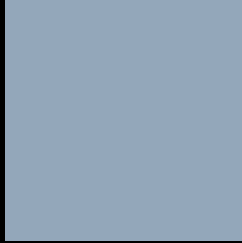
Large Text (above 18pt) WCAG AA × Fail

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 163.1860, -18.0190, 1.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

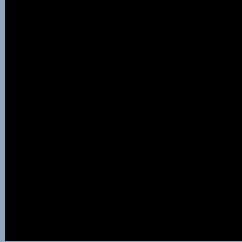
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.1860, -18.0190, 1.6690

Background



This preview shows how black text looks on a background with the YIQ color 163.1860, -18.0190, 1.6690.



This preview shows how white text looks on a background with the YIQ color 163.1860, -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

163.1860, -18.0190, 1.6690

Protanopia

164.9810, -7.0160, 6.0080

Deuteranopia

165.7690, -3.3030, 10.3050



Tritanopia

162.9040, -17.2850, -0.6210

Trichromacy



Original Color

163.1860, -18.0190, 1.6690

Protanomaly

164.1870, -10.5920, 4.7360

Deuteranomaly

165.1380, -8.8960, 7.0400

Tritanomaly

163.1320, -17.9270, 0.0010

Monochromacy



Original Color

163.1860, -18.0190, 1.6690

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.7050, -6.4190, 0.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1860, -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(147, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(147, 167, 186)  
}
```

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(147, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 167, 186) }
```

Border

The CSS property to change the border of an element to YIQ 163.1860, -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(147, 167, 186) }
```


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

```
.border{ border-color:rgb(147, 167, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 167, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 167, 186);  
box-shadow:4px 4px 4px 4px rgb(147, 167,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1860, -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(147, 167, 186) }
```

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

```
.background{ background-color: rgb(147,  
167, 186) }
```

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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