

Converting Colors

YIQ(168.3660, -18.7060,
-2.4020)

Have a look what the booklet for
YIQ(168.3660, -18.7060, -2.4020)
contains.

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Color

**YIQ(168.3660, -18.7060,
-2.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	95AFB9
RGB	149, 175, 185
RGB Percent	58%, 69%, 73%
CMY	0.4157, 0.3137, 0.2746
CMYK	0.19, 0.05, 0.00, 0.27
HSL	197°, 20%, 65%
HSV	197°, 19%, 73%
XYZ	36.4787, 40.5543, 51.7925
YIQ	168.3660, -18.7060, -2.4020

Conversions

Conversions Part 2

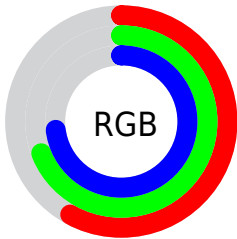
Format	Color
RYB	149, 164, 185
Decimal	9809849
CIELab	69.86, -6.74, -8.08
CIElCh	70, 10.523, 230.191
Yxy	40.5543, 0.2832, 0.3148
Android (android.graphics.Color)	4287999929 (0xFF95AFB9)
YUV	168.3660, 8.2006, -16.9840
Hunter-Lab	63.6823, -9.1951, -3.6427

Details

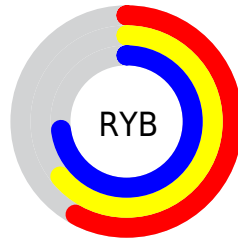
The YIQ color **168.3660, -18.7060, -2.4020** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.6340, 18.7060, 2.4020**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.0670, -19.3020, -2.6140**, and **116.5510, -17.7890, -2.5010** is the 20% darker color. If you saturate the color by 10%, you get **159.7500, -28.6550, -3.8150**, and if you desaturate by 10%, it is **176.6830, -9.3530, -1.2010**.

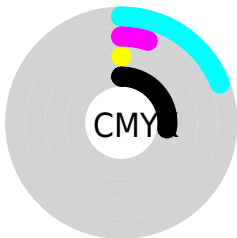
Distribution



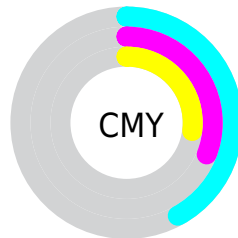
- Red (58%)
- Green (69%)
- Blue (73%)



- Red (58%)
- Yellow (64%)
- Blue (73%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (42%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3660, -18.7060, -2.4020 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 168.3660, -18.7060, -2.4020 by changing the saturation by 10% instead.

■ 168.3660,
-18.7060, -2.4020

■ 168.3660,
-18.7060, -2.4020

■ 255.0000, -0.0000,
-0.0000

■ 141.6650,
-18.1100, -2.1900

■ 224.0670,
-19.3020, -2.6140

■ 116.5510,
-17.7890, -2.5010

■ 248.1230,
-13.7080, -4.8760

■ 91.5510, -17.7890,
-2.5010

■ 67.8500, -17.1930,
-2.2890

■ 44.8500, -17.1930,
-2.2890

■ 23.1380, -18.0640,
-3.0240

■ 2.5250, -5.7320,

4.7640

0.0000, 0.0000,
0.0000

168.3660,
-18.7060, -2.4020

168.3660,
-18.7060, -2.4020

159.7500,
-28.6550, -3.8150

176.6830, -9.3530,
-1.2010

151.4330,
-38.0080, -5.0160

185.2990, 0.5960,
0.2120

142.8170,
-47.9570, -6.4290

193.6160, 9.9490,
1.4130

134.5000,
-57.3100, -7.6300

202.8190, 19.6230,
2.3030

125.2970,
-66.9840, -8.5200

211.1360, 28.9760,
3.5040

■ 116.9800,
-76.3370, -9.7210

■ 218.2570, 35.9450,
3.8570

■ 108.6630,
-85.6900, -10.9220

■ 221.1920, 34.5700,
1.2420

■ 100.0470,
-95.6390, -12.3350

■ 224.1270, 33.1950,
-1.3730

■ 99.7480, -96.2350,
-12.5470

■ 227.0620, 31.8200,
-3.9880

Harmonies

Analogous

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



167.4430, -17.6050, -5.8370



168.3660, -18.7060, -2.4020



169.4530, -14.3970, 2.1070

Triad

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



168.3660, -18.7060, -2.4020



172.9030, 10.8190, 7.6750



169.8340, 6.0990, -5.9090

Complementary

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



168.3660, -18.7060, -2.4020



165.6340, 18.7060, 2.4020

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.



170.9490, 13.2050, -2.5310



168.3660, -18.7060, -2.4020



172.0730, 16.0920, 5.7240

Square

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



168.3660, -18.7060, -2.4020



172.1240, 2.8870, 8.2550



171.7370, 16.9180, 1.7660



168.8760, -2.8870, -8.2550

Rectangle

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



168.3660, -18.7060, -2.4020



170.6710, -9.0790, 4.8490



171.7370, 16.9180, 1.7660



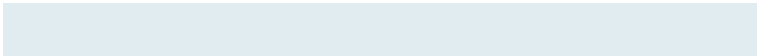
170.0300, 8.4830, -5.0610

Sweetspot

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



168.3660, -18.7060, -2.4020



233.1670, -7.8400, -1.0880



171.2720, -13.1100, -15.7180



116.1350, -4.8140, -0.8620



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



168.3660, -18.7060, -2.4020



214.1630, -28.3800, -3.2920



157.8000, -13.7560, 7.0120



87.5480, -4.5390, -0.3390



83.5280, -80.8760, -10.0600



14.9320, -14.4880, -1.7520

Inverse Universe

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



162.7280, 13.1100, 15.7180



205.8910, 20.2610, 23.7890



176.2000, 13.7560, -7.0120



86.3750, 3.4380, 3.7740



59.4120, 57.0240, 67.9040



10.6520, 10.2680, 12.1560

Previews

White Background



This preview shows how the YIQ color 168.3660, -18.7060, -2.4020 looks on a white background.

Color Contrast Check

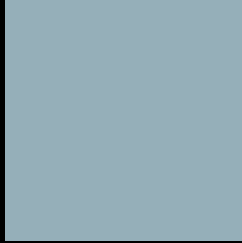
Large Text (above 18pt) WCAG AA × Fail

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 168.3660, -18.7060, -2.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

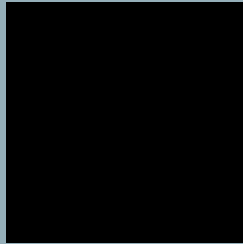
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

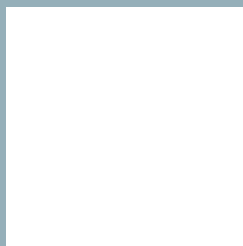
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.3660, -18.7060, -2.4020

Background



This preview shows how black text looks on a background with the YIQ color 168.3660, -18.7060, -2.4020.



This preview shows how white text looks on a background with the YIQ color 168.3660, -18.7060, -2.4020.

-2.4020.

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

168.3660, -18.7060, -2.4020

Protanopia

170.6670, -3.2560, 3.9440

Deuteranopia

172.2810, 1.0070, 9.2870



Tritanopia

168.4200, -18.7980, -0.7340

Trichromacy



Original Color

168.3660, -18.7060, -2.4020

Protanomaly

169.5630, -8.8950, 1.5130

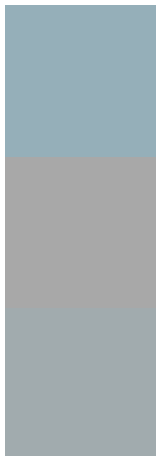
Deuteranomaly

170.6390, -6.0530, 5.0750

Tritanomaly

168.3060, -18.4770, -1.0450

Monochromacy



Original Color

168.3660, -18.7060, -2.4020

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.3520, -6.9230, -1.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3660, -18.7060, -2.4020 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(149, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(149, 175, 185)  
}
```

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(149, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 175, 185) }
```

Border

The CSS property to change the border of an element to YIQ 168.3660, -18.7060, -2.4020 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(149, 175, 185) }
```


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

```
.border{ border-color:rgb(149, 175, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(149, 175,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3660, -18.7060, -2.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 175, 185) }
```

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

```
.background{ background-color: rgb(149,  
175, 185) }
```

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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