

Converting Colors

YIQ(168.3710, -17.1020, 1.5700)

Have a look what the booklet for
YIQ(168.3710, -17.1020, 1.5700)
contains.

YIQ(168.3710, -17.1020, 1.5700)	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(168.3710, -17.1020,
1.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	99ACBE
RGB	153, 172, 190
RGB Percent	60%, 67%, 75%
CMY	0.4000, 0.3254, 0.2550
CMYK	0.19, 0.09, 0.00, 0.25
HSL	209°, 22%, 67%
HSV	209°, 19%, 75%
XYZ	37.1813, 39.9964, 54.4636
YIQ	168.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

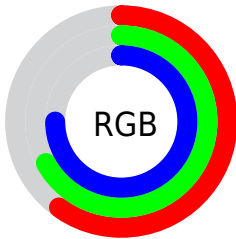
Format	Color
RYB	153, 166, 190
Decimal	10071230
CIELab	69.47, -2.71, -11.40
CIElCh	69, 11.723, 256.614
Yxy	39.9964, 0.2824, 0.3038
Android (android.graphics.Color)	4288261310 (0xFF99ACBE)
YUV	168.3710, 10.6631, -13.4804
Hunter-Lab	63.2427, -5.7320, -6.7898

Details

The YIQ color **168.3710, -17.1020, 1.5700** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174.6290, 17.1020, -1.5700**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.4850, -17.4230, 1.8810**, and **116.2570, -16.7810, 1.2590** is the 20% darker color. If you saturate the color by 10%, you get **157.4070, -25.9510, 2.2490**, and if you desaturate by 10%, it is **179.3350, -8.2530, 0.8910**.

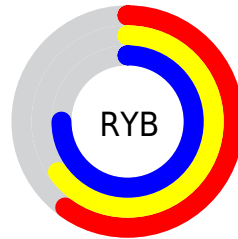
Distribution



Red (60%)

Green (67%)

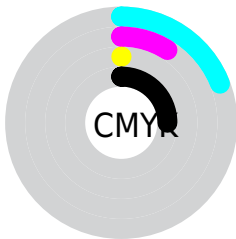
Blue (75%)



Red (60%)

Yellow (65%)

Blue (75%)

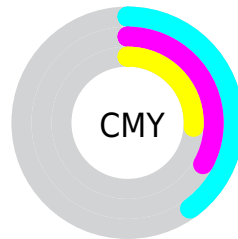


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3710, -17.1020, 1.5700 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 168.3710, -17.1020, 1.5700 by changing the saturation by 10% instead.

■ 168.3710,
-17.1020, 1.5700

■ 168.3710,
-17.1020, 1.5700

■ 255.0000, -0.0000,
-0.0000

■ 141.6700,
-16.5060, 1.7820

■ 223.4850,
-17.4230, 1.8810

■ 116.2570,
-16.7810, 1.2590

■ 249.3190,
-11.3240, -4.0280

■ 91.4420, -15.8640,
1.1600

■ 67.4420, -15.8640,
1.1600

■ 45.3280, -15.5430,
0.8490

■ 23.6160, -16.4140,
0.1140

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 168.3710,
-17.1020, 1.5700

■ 168.3710,
-17.1020, 1.5700

■ 157.4070,
-25.9510, 2.2490

■ 179.3350, -8.2530,
0.8910

■ 146.4430,
-34.8000, 2.9280

■ 190.2990, 0.5960,
0.2120

■ 134.8920,
-43.3740, 4.1300

■ 201.8500, 9.1700,
-0.9900

■ 123.9280,
-52.2230, 4.8090

■ 212.8140, 18.0190,
-1.6690

■ 112.9640,
-61.0720, 5.4880

■ 223.7780, 26.8680,
-2.3480

■ 102.0000,
-69.9210, 6.1670

■ 231.1540, 28.5650,
-5.5710

■ 90.4490, -78.4950,
7.3690

■ 237.0240, 25.8150,
-10.8010

■ 79.4850, -87.3440,
8.0480

■ 242.3070, 23.3400,
-15.5080

■ 79.1860, -87.9400,
7.8360

■ 247.5900, 20.8650,
-20.2150

Harmonies

Analogous

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



167.1700, -21.0900, -3.2500



168.3710, -17.1020, 1.5700



170.4970, -8.5290, 5.8950

Triad

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



168.3710, -17.1020, 1.5700



172.0840, 17.5590, 6.6710



167.6480, -2.2450, -8.8770

Complementary

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



168.3710, -17.1020, 1.5700



174.6290, 17.1020, -1.5700

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.



168.7910, 7.6580, -6.6300



168.3710, -17.1020, 1.5700



171.0470, 18.9810, 2.9250

Square

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



168.3710, -17.1020, 1.5700



171.8430, 11.0480, 9.0320



169.7320, 15.3140, -2.2060



166.5590, -12.2400, -9.4560

Rectangle

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



168.3710, -17.1020, 1.5700



171.0850, -1.3770, 8.4390



169.7320, 15.3140, -2.2060



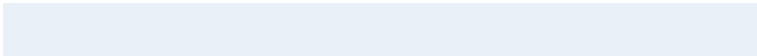
167.9150, 1.3770, -8.4390

Sweetspot

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



168.3710, -17.1020, 1.5700



238.7050, -6.4190, 0.6930



176.7710, -15.9530, -13.7530



119.9610, -4.2640, 0.1840



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.3710, -17.1020, 1.5700



214.1080, -26.5470, 2.0370



157.8050, -12.1520, 10.9840



88.9610, -4.2640, 0.1840



65.5590, -72.9930, 6.7750



12.9260, -14.3510, 1.2730

Inverse Universe

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



166.2290, 15.9530, 13.7530



210.4630, 24.3420, 21.4140



185.1950, 12.1520, -10.9840



88.2610, 3.7590, 3.4630



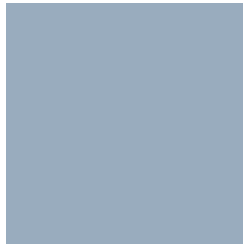
56.4760, 68.1670, 58.6870



11.0930, 13.3400, 11.5480

Previews

White Background



This preview shows how the YIQ color 168.3710, -17.1020, 1.5700 looks on a white background.

Color Contrast Check

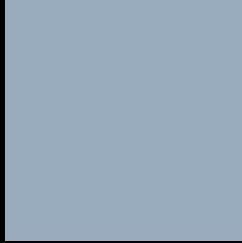
Large Text (above 18pt) WCAG AA × Fail

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 168.3710, -17.1020, 1.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

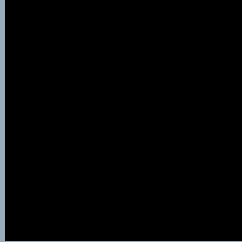
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

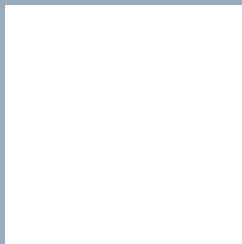
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.3710, -17.1020, 1.5700

Background



This preview shows how black text looks on a background with the YIQ color 168.3710, -17.1020, 1.5700.



This preview shows how white text looks on a background with the YIQ color 168.3710, -17.1020,

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

168.3710, -17.1020, 1.5700

Protanopia

169.9810, -7.0160, 6.0080

Deuteranopia

170.9540, -2.3860, 10.2060



Tritanopia

168.2030, -16.6890, -0.4090

Trichromacy



Original Color

168.3710, -17.1020, 1.5700

Protanomaly

169.1870, -10.5920, 4.7360

Deuteranomaly

170.3230, -7.9790, 6.9410

Tritanomaly

168.3170, -17.0100, -0.0980

Monochromacy



Original Color

168.3710, -17.1020, 1.5700

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0040, -5.8230, 0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3710, -17.1020, 1.5700 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(153, 172, 190)` looks like.

```
.text, #text, p{  
    color:rgb(153, 172, 190)  
}
```

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(153, 172, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 172, 190) }
```

Border

The CSS property to change the border of an element to YIQ 168.3710, -17.1020, 1.5700 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(153, 172, 190) }
```


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

```
.border{ border-color:rgb(153, 172, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 172, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 172, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 172, 190);  
box-shadow:4px 4px 4px 4px rgb(153, 172,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3710, -17.1020, 1.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 172, 190) }
```

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

```
.background{ background-color: rgb(153,  
172, 190) }
```

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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