

Converting Colors

YIQ(171.1760, -21.2270,
-6.2750)

Have a look what the booklet for
YIQ(171.1760, -21.2270, -6.2750)
contains.

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Color

**YIQ(171.1760, -21.2270,
-6.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	93B5B8
RGB	147, 181, 184
RGB Percent	58%, 71%, 72%
CMY	0.4236, 0.2901, 0.2785
CMYK	0.20, 0.02, 0.00, 0.28
HSL	185°, 21%, 65%
HSV	185°, 20%, 72%
XYZ	37.2052, 42.7145, 51.6191
YIQ	171.1760, -21.2270, -6.2750

Conversions

Conversions Part 2

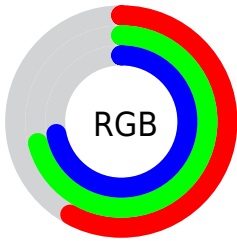
Format	Color
R_{YB}	147, 165, 184
Decimal	9680312
CIE _{Lab}	71.36, -10.80, -5.33
CIE _{LCh}	71, 12.041, 206.253
Yxy	42.7145, 0.2828, 0.3247
Android (android.graphics.Color)	4287870392 (0xFF93B5B8)
YUV	171.1760, 6.3222, -21.2024
Hunter-Lab	65.3563, -12.7594, -1.0784

Details

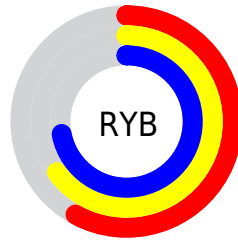
The YIQ color **171.1760, -21.2270, -6.2750** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **159.8240, 21.2270, 6.2750**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.8770, -21.8230, -6.4870**, and **118.7740, -20.0350, -5.8510** is the 20% darker color. If you saturate the color by 10%, you get **165.2070, -31.6800, -9.5680**, and if you desaturate by 10%, it is **177.1450, -10.7740, -2.9820**.

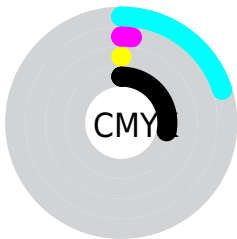
Distribution



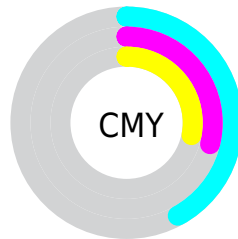
- Red (58%)
- Green (71%)
- Blue (72%)



- Red (58%)
- Yellow (65%)
- Blue (72%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (42%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.1760, -21.2270, -6.2750 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 171.1760, -21.2270, -6.2750 by changing the saturation by 10% instead.

■ 171.1760,
-21.2270, -6.2750

■ 171.1760,
-21.2270, -6.2750

■ 255.0000, -0.0000,
-0.0000

■ 144.4750,
-20.6310, -6.0630

■ 226.8770,
-21.8230, -6.4870

■ 118.4750,
-20.6310, -6.0630

■ 247.5250,
-14.9000, -5.3000

■ 93.7740, -20.0350,
-5.8510

■ 69.7740, -20.0350,
-5.8510

■ 46.7740, -20.0350,
-5.8510

■ 24.4750, -20.6310,
-6.0630

■ 7.6940, -7.8860,

-0.2540

■ 0.0000, 0.0000,
0.0000

■ 171.1760,
-21.2270, -6.2750

■ 171.1760,
-21.2270, -6.2750

■ 165.2070,
-31.6800, -9.5680

■ 177.1450,
-10.7740, -2.9820

■ 158.3520,
-42.4540, -12.5500

■ 184.0000, 0.0000,
-0.0000

■ 152.3830,
-52.9070, -15.8430

■ 189.9690, 10.4530,
3.2930

■ 145.5280,
-63.6810, -18.8250

■ 196.8240, 21.2270,
6.2750

■ 139.5590,
-74.1340, -22.1180

■ 202.7930, 31.6800,
9.5680

■ 133.0030,
-84.3120, -24.8880

■ 208.7510, 40.6660,
11.9140

■ 126.7350,
-95.3610, -28.3930

■ 209.3380, 40.3910,
11.3910

■ 120.1790,
-105.5390, -31.1630

■ 210.5120, 39.8410,
10.3450

■ 211.0990, 39.5660,
9.8220

Harmonies

Analogous

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



171.1180, -15.3120, -8.8480



171.1760, -21.2270, -6.2750



172.2240, -21.1820, -1.5820

Triad

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



171.1760, -21.2270, -6.2750



176.7330, 5.5460, 9.6260



174.3080, 13.5720, -3.6760

Complementary

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



171.1760, -21.2270, -6.2750



159.8240, 21.2270, 6.2750

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.



175.6940, 18.4770, 1.0450



171.1760, -21.2270, -6.2750



176.8110, 14.0740, 9.2580

Square

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



171.1760, -21.2270, -6.2750



175.4050, -5.2740, 7.4780



176.6280, 18.8430, 5.4270



173.2960, 4.6780, -7.6900

Rectangle

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



171.1760, -21.2270, -6.2750



173.1860, -18.0190, 1.6690



176.6280, 18.8430, 5.4270



175.0310, 15.9100, -1.9940

Sweetspot

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



171.1760, -21.2270, -6.2750



234.9280, -8.6650, -2.6570



168.9470, -10.8170, -18.7290



116.7220, -5.0890, -1.3850



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.



171.1760, -21.2270, -6.2750



219.7230, -33.1930, -9.6810



160.6100, -16.2770, 3.1390



88.7220, -5.0890, -1.3850



101.7250, -89.4010, -26.2730



18.4540, -16.1380, -4.8900

Inverse Universe

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



161.9390, 11.1380, 18.4180



205.3840, 17.5550, 28.7790



170.3900, 16.2770, -3.1390



86.6030, 2.7960, 4.3960



62.9460, 47.0730, 77.5450



11.3360, 8.3420, 14.0220

Previews

White Background



This preview shows how the YIQ color 171.1760, -21.2270, -6.2750 looks on a white background.

Color Contrast Check

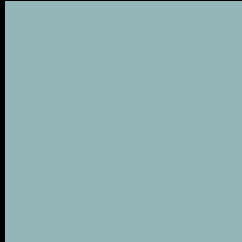
Large Text (above 18pt) WCAG AA × Fail

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 171.1760, -21.2270, -6.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

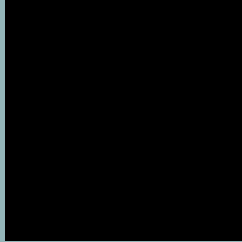
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.1760, -21.2270, -6.2750

Background



This preview shows how black text looks on a background with the YIQ color 171.1760, -21.2270, -6.2750.



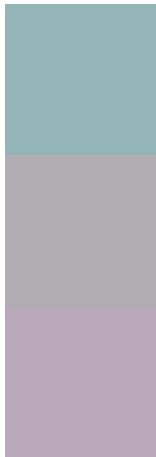
This preview shows how white text looks on a background with the YIQ color 171.1760, -21.2270, -6.2750.

-6.2750.

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

171.1760, -21.2270, -6.2750

Protanopia

174.5810, -0.1380, 2.5020

Deuteranopia

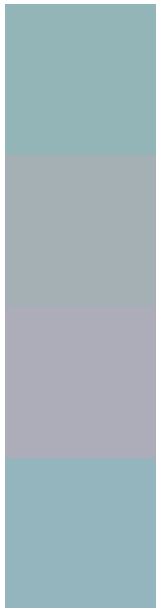
176.0210, 4.6750, 8.8910



Tritanopia

171.7400, -22.6950, -1.6950

Trichromacy



Original Color

171.1760, -21.2270, -6.2750

Protanomaly

173.2810, -8.1610, -0.7770

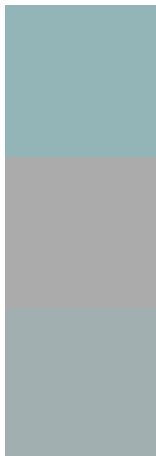
Deuteranomaly

174.0690, -4.4480, 3.5200

Tritanomaly

171.5720, -22.2820, -3.6740

Monochromacy



Original Color

171.1760, -21.2270, -6.2750

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2270, -8.0690, -2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.1760, -21.2270, -6.2750 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, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(147, 181, 184)  
}
```

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, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 181, 184) }
```

Border

The CSS property to change the border of an element to YIQ 171.1760, -21.2270, -6.2750 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, 181, 184) }
```


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

```
.border{ border-color:rgb(147, 181, 184) }
```

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

Here you see how a box with a 4 pixel rgb(147, 181, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(147, 181,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 171.1760, -21.2270, -6.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 181, 184) }
```

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

```
.background{ background-color: rgb(147,  
181, 184) }
```

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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