

Converting Colors

YIQ(176.6890, -35.8530,
-5.5250)

Have a look what the booklet for
YIQ(176.6890, -35.8530, -5.5250)
contains.

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Color

**YIQ(176.6890, -35.8530,
-5.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBECF
RGB	139, 190, 207
RGB Percent	55%, 75%, 81%
CMY	0.4550, 0.2548, 0.1884
CMYK	0.33, 0.08, 0.00, 0.19
HSL	195°, 41%, 68%
HSV	195°, 33%, 81%
XYZ	40.3185, 46.8258, 65.9194
YIQ	176.6890, -35.8530, -5.5250

Conversions

Conversions Part 2

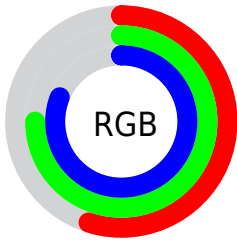
Format	Color
R_{YB}	139, 168, 207
Decimal	9158351
CIE _{Lab}	74.08, -12.58, -13.89
CIE _{LCh}	74, 18.738, 227.819
Yxy	46.8258, 0.2634, 0.3059
Android (android.graphics.Color)	4287348431 (0xFF8BBECF)
YUV	176.6890, 14.9433, -33.0533
Hunter-Lab	68.4294, -14.5795, -9.2146

Details

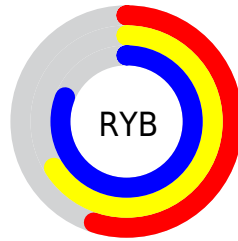
The YIQ color **176.6890, -35.8530, -5.5250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **169.3110, 35.8530, 5.5250**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4780, -33.8810, -8.2250**, and **123.5750, -35.5320, -5.8360** is the 20% darker color. If you saturate the color by 10%, you get **167.4750, -46.9940, -7.3620**, and if you desaturate by 10%, it is **185.9030, -24.7120, -3.6880**.

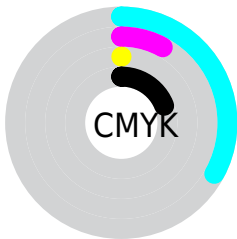
Distribution



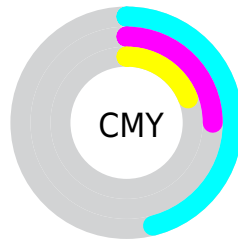
- Red (55%)
- Green (75%)
- Blue (81%)



- Red (55%)
- Yellow (66%)
- Blue (81%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.6890, -35.8530, -5.5250 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 176.6890, -35.8530, -5.5250 by changing the saturation by 10% instead.

■ 176.6890,
-35.8530, -5.5250

■ 176.6890,
-35.8530, -5.5250

■ 255.0000, -0.0000,
-0.0000

■ 149.5750,
-35.5320, -5.8360

■ 231.4780,
-33.8810, -8.2250

■ 123.5750,
-35.5320, -5.8360

■ 245.4320,
-19.0720, -6.7840

■ 97.5750, -35.5320,
-5.8360

■ 254.1030, -1.7880,
-0.6360

■ 72.5640, -36.9990,
-6.7830

■ 45.8730, -42.3630,
-8.6910

■ 30.3370, -28.9300,
-4.3380

■ 16.6760, -16.6430,

-1.2430

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 176.6890,
-35.8530, -5.5250

■ 176.6890,
-35.8530, -5.5250

■ 167.4750,
-46.9940, -7.3620

■ 185.9030,
-24.7120, -3.6880

■ 158.5600,
-57.5390, -8.9870

■ 194.8180,
-14.1670, -2.0630

■ 149.3460,
-68.6800, -10.8240

■ 204.0320, -3.0260,
-0.2260

■ 139.5450,
-79.5460, -12.1380

■ 213.8330, 7.8400,
1.0880

■ 130.3310,
-90.6870, -13.9750

■ 222.7480, 18.3850,
2.7130

■ 121.4160,
-101.2320, -15.6000

■ 229.5700, 24.7580,
2.8540

■ 114.5830,
-109.0720, -16.6880

■ 232.5050, 23.3830,
0.2390

■ 235.4400, 22.0080,
-2.3760

■ 238.3750, 20.6330,
-4.9910

Harmonies

Analogous

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



175.5550, -32.7800, -11.6600



176.6890, -35.8530, -5.5250



179.7380, -28.3810, 2.2350

Triad

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



176.6890, -35.8530, -5.5250



185.7240, 18.9330, 14.8130



180.3090, 11.8310, -10.6730

Complementary

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



176.6890, -35.8530, -5.5250



169.3110, 35.8530, 5.5250

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.



182.4570, 23.3380, -4.4540



176.6890, -35.8530, -5.5250



184.5800, 27.9660, 10.7980

Square

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



176.6890, -35.8530, -5.5250



184.7100, 4.3530, 14.7290



183.4350, 29.5720, 3.7160



178.4040, -4.6740, -14.4180

Rectangle

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



176.6890, -35.8530, -5.5250



181.9890, -18.6620, 7.8180



183.4350, 29.5720, 3.7160



180.8150, 16.2780, -8.6660

Sweetspot

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



176.6890, -35.8530, -5.5250



244.0030, -13.2500, -2.1620



180.7400, -23.8360, -30.5880



120.8680, -8.4360, -1.3000



0.0000, 0.0000, 0.0000



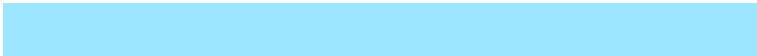
128.0000, -0.0000, -0.0000

Same Dimension

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



176.6890, -35.8530, -5.5250



210.7240, -52.1290, -7.9130



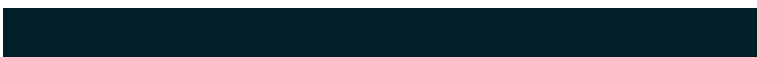
157.3180, -26.7780, 11.7340



99.9500, -5.7310, -0.7630



93.1140, -88.5780, -13.6500



22.8710, -21.6860, -3.4620

Inverse Universe

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



165.1460, 24.1570, 30.2770



194.0370, 35.2500, 44.0020



188.6820, 26.7780, -11.7340



98.2010, 3.9880, 4.8200



64.5960, 59.6820, 74.8020



15.7930, 14.4850, 18.3330

Previews

White Background



This preview shows how the YIQ color 176.6890, -35.8530, -5.5250 looks on a white background.

Color Contrast Check

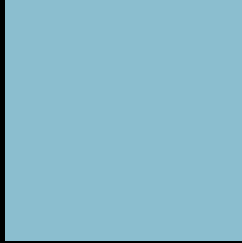
Large Text (above 18pt) WCAG AA × Fail

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 176.6890, -35.8530, -5.5250 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 176.6890, -35.8530, -5.5250

Background



This preview shows how black text looks on a background with the YIQ color 176.6890, -35.8530, -5.5250.



This preview shows how white text looks on a background with the YIQ color 176.6890, -35.8530, -5.5250.

-5.5250.

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

176.6890, -35.8530, -5.5250

Protanopia

182.0950, -7.3370, 6.3190

Deuteranopia

183.4530, -5.2290, 12.1710



Tritanopia

176.5750, -35.5320, -5.8360

Trichromacy



Original Color

176.6890, -35.8530, -5.5250

Protanomaly

180.1860, -18.0190, 1.6690

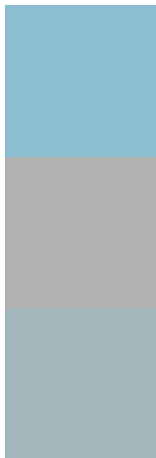
Deuteranomaly

181.1910, -16.4150, 5.6410

Tritanomaly

176.5750, -35.5320, -5.8360

Monochromacy



Original Color

176.6890, -35.8530, -5.5250

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.0030, -13.2500, -2.1620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.6890, -35.8530, -5.5250 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(139, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(139, 190, 207)  
}
```

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(139, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 190, 207) }
```

Border

The CSS property to change the border of an element to YIQ 176.6890, -35.8530, -5.5250 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(139, 190, 207) }
```


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

```
.border{ border-color:rgb(139, 190, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(139, 190,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 176.6890, -35.8530, -5.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 190, 207) }
```

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

```
.background{ background-color: rgb(139,  
190, 207) }
```

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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