

Converting Colors

YIQ(169.6770, -35.5790, 0.5250)

Have a look what the booklet for
YIQ(169.6770, -35.5790, 0.5250)
contains.

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Color

**YIQ(169.6770, -35.5790,
0.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	88B3D2
RGB	136, 179, 210
RGB Percent	53%, 70%, 82%
CMY	0.4667, 0.2980, 0.1766
CMYK	0.35, 0.15, 0.00, 0.18
HSL	205°, 45%, 68%
HSV	205°, 35%, 82%
XYZ	37.9013, 42.1310, 67.0797
YIQ	169.6770, -35.5790, 0.5250

Conversions

Conversions Part 2

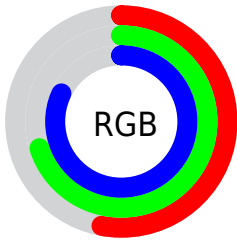
Format	Color
RYB	136, 163, 210
Decimal	8958930
CIELab	70.96, -6.81, -20.25
CIElCh	71, 21.361, 251.411
Yxy	42.1310, 0.2576, 0.2864
Android (android.graphics.Color)	4287149010 (0xFF88B3D2)
YUV	169.6770, 19.8792, -29.5347
Hunter-Lab	64.9084, -9.3601, -15.8375

Details

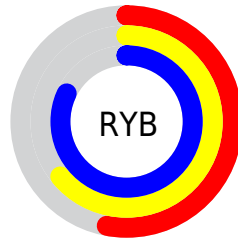
The YIQ color **169.6770, -35.5790, 0.5250** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **176.3230, 35.5790, -0.5250**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1240, -32.6440, -3.1080**, and **116.4490, -34.9370, -0.0970** is the 20% darker color. If you saturate the color by 10%, you get **158.1150, -45.6200, 0.7800**, and if you desaturate by 10%, it is **181.2390, -25.5380, 0.2700**.

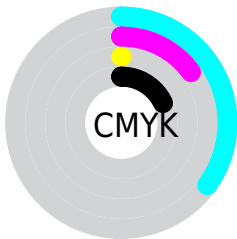
Distribution



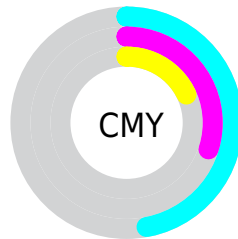
- Red (53%)
- Green (70%)
- Blue (82%)



- Red (53%)
- Yellow (64%)
- Blue (82%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.6770, -35.5790, 0.5250 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 169.6770, -35.5790, 0.5250 by changing the saturation by 10% instead.

■ 169.6770,
-35.5790, 0.5250

■ 169.6770,
-35.5790, 0.5250

■ 255.0000, -0.0000,
-0.0000

■ 142.5630,
-35.2580, 0.2140

■ 224.1240,
-32.6440, -3.1080

■ 116.4490,
-34.9370, -0.0970

■ 244.5350,
-20.8600, -7.4200

■ 91.0360, -35.2120,
-0.6200

■ 253.2060, -3.5760,
-1.2720

■ 65.7260, -37.2750,
-1.7790

■ 41.4050, -40.8050,
-3.8850

■ 25.8690, -27.3720,
0.4680

■ 9.2730, -13.7100,

6.1780

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 169.6770,
-35.5790, 0.5250

■ 169.6770,
-35.5790, 0.5250

■ 158.1150,
-45.6200, 0.7800

■ 181.2390,
-25.5380, 0.2700

■ 146.5530,
-55.6610, 1.0350

■ 192.8010,
-15.4970, 0.0150

■ 135.5780,
-65.9770, 0.7670

■ 203.7760, -5.1810,
0.2830

■ 124.0160,
-76.0180, 1.0220

■ 215.3380, 4.8600,
0.0280

■ 112.4540,
-86.0590, 1.2770

■ 226.9000, 14.9010,
-0.2270

■ 100.8920,
-96.1000, 1.5320

■ 236.3690, 20.7700,
-1.9660

■ 95.5540,
-100.9600, 1.5040

■ 241.0650, 18.5700,
-6.1500

■ 246.3480, 16.0950,
-10.8570

■ 249.8700, 14.4450,
-13.9950

Harmonies

Analogous

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



166.2860, -42.0880, -8.1680



169.6770, -35.5790, 0.5250



173.7440, -19.3500, 9.2740

Triad

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



169.6770, -35.5790, 0.5250



176.9440, 29.9370, 13.6250



169.6170, -0.9600, -15.6480

Complementary

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



169.6770, -35.5790, 0.5250



176.3230, 35.5790, -0.5250

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.



172.3480, 16.0950, -10.8570



169.6770, -35.5790, 0.5250



175.7560, 33.1020, 5.8220

Square

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



169.6770, -35.5790, 0.5250



177.1200, 17.8780, 17.4140



173.7350, 28.4270, -3.0690



167.3250, -20.6290, -17.1170

Rectangle

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



169.6770, -35.5790, 0.5250



175.4360, -6.5590, 14.2490



173.7350, 28.4270, -3.0690



170.6670, 4.7710, -14.8850

Sweetspot

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



169.6770, -35.5790, 0.5250



239.5840, -13.3880, 0.3400



182.9720, -30.3010, -29.0610



118.8080, -8.2070, 0.0570



0.0000, 0.0000, 0.0000



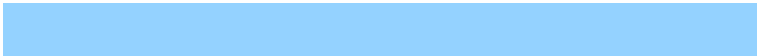
128.0000, -0.0000, -0.0000

Same Dimension

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



169.6770, -35.5790, 0.5250



196.5920, -51.3970, 0.8510



147.9580, -25.4040, 19.8760



98.7760, -5.1810, 0.2830



76.6780, -80.8780, 0.9940



18.7620, -19.7610, 0.1990

Inverse Universe

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



163.0280, 30.3010, 29.0610



187.0610, 43.8700, 41.9660



198.0420, 25.4040, -19.8760



97.9730, 4.6300, 4.1980



61.4040, 68.6700, 66.0940



14.9950, 16.7320, 16.1560

Previews

White Background



This preview shows how the YIQ color 169.6770, -35.5790, 0.5250 looks on a white background.

Color Contrast Check

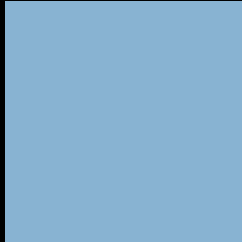
Large Text (above 18pt) WCAG AA × Fail

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 169.6770, -35.5790, 0.5250 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 169.6770, -35.5790, 0.5250

Background



This preview shows how black text looks on a background with the YIQ color 169.6770, -35.5790, 0.5250.



This preview shows how white text looks on a background with the YIQ color 169.6770, -35.5790,

0.5250.

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

169.6770, -35.5790, 0.5250

Protanopia

173.9680, -14.1690, 8.9910

Deuteranopia

174.2010, -13.2070, 13.5850



Tritanopia

168.3580, -33.4230, -5.5110

Trichromacy



Original Color

169.6770, -35.5790, 0.5250

Protanomaly

172.6680, -22.1920, 5.7120

Deuteranomaly

172.8470, -21.1380, 8.6380

Tritanomaly

168.6400, -34.1570, -3.2210

Monochromacy



Original Color

169.6770, -35.5790, 0.5250

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.8830, -12.7920, 0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.6770, -35.5790, 0.5250 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(136, 179, 210)` looks like.

```
.text, #text, p{  
    color:rgb(136, 179, 210)  
}
```

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(136, 179, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 179, 210) }
```

Border

The CSS property to change the border of an element to YIQ 169.6770, -35.5790, 0.5250 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(136, 179, 210) }
```


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

```
.border{ border-color:rgb(136, 179, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 179, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 179, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 179, 210);  
box-shadow:4px 4px 4px 4px rgb(136, 179,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 169.6770, -35.5790, 0.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 179, 210) }
```

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

```
.background{ background-color: rgb(136,  
179, 210) }
```

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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