

Converting Colors

YIQ(165.1560, -35.6700,
-3.3340)

Have a look what the booklet for
YIQ(165.1560, -35.6700, -3.3340)
contains.

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Color

**YIQ(165.1560, -35.6700,
-3.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	81B1C7
RGB	129, 177, 199
RGB Percent	51%, 69%, 78%
CMY	0.4942, 0.3058, 0.2198
CMYK	0.35, 0.11, 0.00, 0.22
HSL	199°, 38%, 64%
HSV	199°, 35%, 78%
XYZ	35.0796, 40.2390, 59.9262
YIQ	165.1560, -35.6700, -3.3340

Conversions

Conversions Part 2

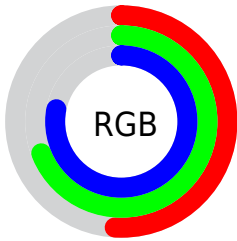
Format	Color
RYB	129, 157, 199
Decimal	8499655
CIELab	69.64, -10.48, -16.25
CIELCh	70, 19.335, 237.172
Yxy	40.2390, 0.2594, 0.2975
Android (android.graphics.Color)	4286689735 (0xFF81B1C7)
YUV	165.1560, 16.6851, -31.7088
Hunter-Lab	63.4342, -12.2981, -11.6072

Details

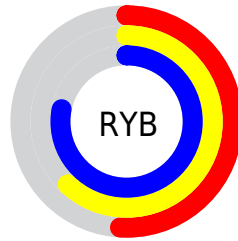
The YIQ color $165.1560, -35.6700, -3.3340$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $162.8440, 35.6700, 3.3340$, and the grayscale version is $165.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.8570, -36.2660, -3.5460$, and $112.0420, -35.3490, -3.6450$ is the 20% darker color. If you saturate the color by 10%, you get $155.6540, -45.9400, -4.4360$, and if you desaturate by 10%, it is $174.6580, -25.4000, -2.2320$.

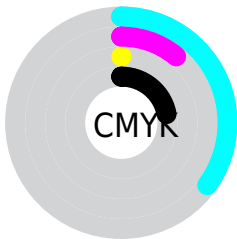
Distribution



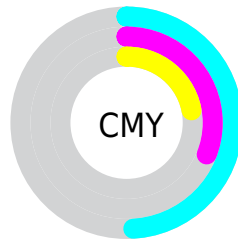
- Red (51%)
- Green (69%)
- Blue (78%)



- Red (51%)
- Yellow (62%)
- Blue (78%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.1560, -35.6700, -3.3340 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 165.1560, -35.6700, -3.3340 by changing the saturation by 10% instead.

■ 165.1560,
-35.6700, -3.3340

■ 165.1560,
-35.6700, -3.3340

■ 255.0000, -0.0000,
-0.0000

■ 138.1560,
-35.6700, -3.3340

■ 220.8570,
-36.2660, -3.5460

■ 112.0420,
-35.3490, -3.6450

■ 242.1430,
-25.6280, -9.1160

■ 86.6290, -35.6240,
-4.1680

■ 250.8140, -8.3440,
-2.9680

■ 61.7210, -38.8790,
-5.7510

■ 39.2050, -37.3660,
-5.6380

■ 24.2560, -24.2080,
-1.8080

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 165.1560,
-35.6700, -3.3340

■ 165.1560,
-35.6700, -3.3340

■ 155.6540,
-45.9400, -4.4360

■ 174.6580,
-25.4000, -2.2320

■ 146.1520,
-56.2100, -5.5380

■ 184.1600,
-15.1300, -1.1300

■ 136.0630,
-66.2050, -6.1170

■ 194.2490, -5.1350,
-0.5510

■ 126.5610,
-76.4750, -7.2190

■ 203.7510, 5.1350,
0.5510

■ 117.0590,
-86.7450, -8.3210

■ 212.9540, 14.8090,
1.4410

■ 107.8560,
-96.4190, -9.2110

■ 222.4560, 25.0790,
2.5430

■ 103.1050,
-101.5540, -9.7620

■ 228.6580, 27.3260,
0.3660

■ 232.1800, 25.6760,
-2.7720

■ 235.7020, 24.0260,
-5.9100

Harmonies

Analogous

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



163.2280, -36.1730, -10.7410



165.1560, -35.6700, -3.3340



168.5860, -24.8970, 5.1750

Triad

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



165.1560, -35.6700, -3.3340



173.3500, 22.9220, 14.1060



167.6180, 6.4670, -12.5810

Complementary

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



165.1560, -35.6700, -3.3340



162.8440, 35.6700, 3.3340

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.



169.3210, 20.7250, -6.6590



165.1560, -35.6700, -3.3340



172.8960, 29.8920, 8.9320

Square

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



165.1560, -35.6700, -3.3340



173.1620, 8.8920, 15.0680



171.5550, 29.1140, 1.0020



165.3540, -10.4050, -15.1810

Rectangle

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



165.1560, -35.6700, -3.3340



170.4950, -14.2150, 9.8250



171.5550, 29.1140, 1.0020



168.3090, 11.8310, -10.6730

Sweetspot

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



165.1560, -35.6700, -3.3340



241.3450, -14.2130, -1.2290



172.4840, -25.9910, -30.0790



119.3950, -8.4820, -0.4660



0.0000, 0.0000, 0.0000



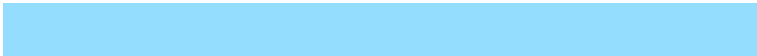
128.0000, -0.0000, -0.0000

Same Dimension

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



165.1560, -35.6700, -3.3340



203.0490, -54.4220, -4.9020



145.1980, -26.3200, 14.4480



94.5480, -4.5390, -0.3390



84.3260, -83.1230, -7.8830



18.7790, -18.4310, -1.8790

Inverse Universe

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



155.4020, 26.3120, 29.7680



188.3150, 40.3390, 45.3870



182.8020, 26.3200, -14.4480



93.3750, 3.4380, 3.7740



61.5050, 61.1960, 69.3880



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 165.1560, -35.6700, -3.3340 looks on a white background.

Color Contrast Check

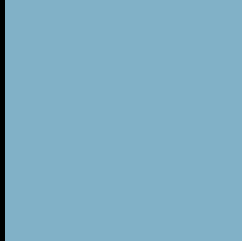
Large Text (above 18pt) WCAG AA × Fail

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 165.1560, -35.6700, -3.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

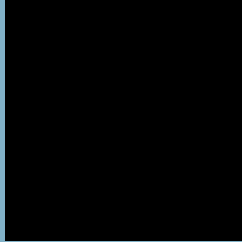
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.1560, -35.6700, -3.3340

Background



This preview shows how black text looks on a background with the YIQ color 165.1560, -35.6700, -3.3340.



This preview shows how white text looks on a background with the YIQ color 165.1560, -35.6700, -3.3340.

-3.3340.

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

165.1560, -35.6700, -3.3340

Protanopia

169.9530, -9.8130, 7.1390

Deuteranopia

171.1860, -8.8510, 11.7330



Tritanopia

164.3470, -34.8900, -6.4580

Trichromacy



Original Color

165.1560, -35.6700, -3.3340

Protanomaly

168.0550, -19.0280, 3.4360

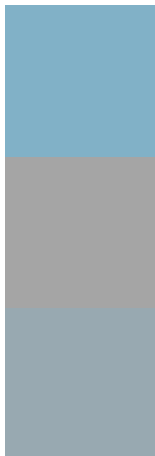
Deuteranomaly

168.9350, -18.5700, 6.1500

Tritanomaly

164.9880, -35.2570, -5.3130

Monochromacy



Original Color

165.1560, -35.6700, -3.3340

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.8290, -12.7000, -1.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.1560, -35.6700, -3.3340 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(129, 177, 199)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 199)  
}
```

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(129, 177, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 199) }
```

Border

The CSS property to change the border of an element to YIQ 165.1560, -35.6700, -3.3340 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(129, 177, 199) }
```


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

```
.border{ border-color:rgb(129, 177, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 199);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 165.1560, -35.6700, -3.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 199) }
```

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

```
.background{ background-color: rgb(129,  
177, 199) }
```

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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