

Converting Colors

YIQ(171.3500, -38.9720, 1.4440)

Have a look what the booklet for
YIQ(171.3500, -38.9720, 1.4440)
contains.

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Color

**YIQ(171.3500, -38.9720,
1.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	87B5D9
RGB	135, 181, 217
RGB Percent	53%, 71%, 85%
CMY	0.4707, 0.2901, 0.1492
CMYK	0.38, 0.17, 0.00, 0.15
HSL	206°, 52%, 69%
HSV	206°, 38%, 85%
XYZ	39.0343, 43.2120, 71.8973
YIQ	171.3500, -38.9720, 1.4440

Conversions

Conversions Part 2

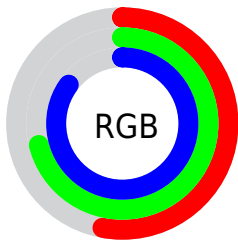
Format	Color
RYB	135, 164, 217
Decimal	8893913
CIELab	71.70, -6.36, -22.96
CIELCh	72, 23.819, 254.521
Yxy	43.2120, 0.2532, 0.2803
Android (android.graphics.Color)	4287083993 (0xFF87B5D9)
YUV	171.3500, 22.5055, -31.8789
Hunter-Lab	65.7359, -9.0436, -18.8322

Details

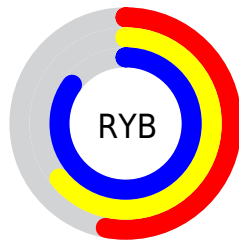
The YIQ color **171.3500, -38.9720, 1.4440** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **180.6500, 38.9720, -1.4440**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.2980, -33.1940, -4.1540**, and **117.8230, -38.9260, 0.6100** is the 20% darker color. If you saturate the color by 10%, you get **159.4890, -49.6090, 1.4870**, and if you desaturate by 10%, it is **183.7980, -28.6100, 0.8780**.

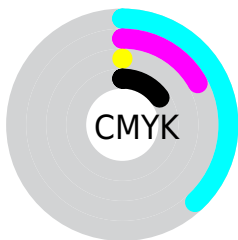
Distribution



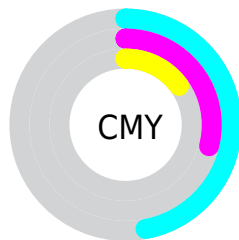
- Red (53%)
- Green (71%)
- Blue (85%)



- Red (53%)
- Yellow (64%)
- Blue (85%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.3500, -38.9720, 1.4440 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 171.3500, -38.9720, 1.4440 by changing the saturation by 10% instead.

■ 171.3500,
-38.9720, 1.4440

■ 171.3500,
-38.9720, 1.4440

■ 255.0000, -0.0000,
-0.0000

■ 144.2360,
-38.6510, 1.1330

■ 225.2980,
-33.1940, -4.1540

■ 117.8230,
-38.9260, 0.6100

■ 244.2360,
-21.4560, -7.6320

■ 92.1110, -39.7970,
-0.1250

■ 252.9070, -4.1720,
-1.4840

■ 66.0890, -42.7310,
-2.0190

■ 42.6760, -43.0060,
-2.5420

■ 27.6130, -29.5270,
0.9770

■ 12.1910, -16.4150,

5.6410

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 171.3500,
-38.9720, 1.4440

■ 171.3500,
-38.9720, 1.4440

■ 159.4890,
-49.6090, 1.4870

■ 183.7980,
-28.6100, 0.8780

■ 147.3400,
-59.3750, 2.2650

■ 195.3600,
-18.5690, 0.6230

■ 134.8920,
-69.7370, 2.8310

■ 207.8080, -8.2070,
0.0570

■ 123.0310,
-80.3740, 2.8740

■ 219.6690, 2.4300,
0.0140

■ 110.8820,
-90.1400, 3.6520

■ 231.8180, 12.1960,
-0.7640

■ 99.0210,
-100.7770, 3.6950

■ 240.6890, 16.8730,
-2.9270

■ 96.3520,
-103.2070, 3.6810

■ 246.5590, 14.1230,
-8.1570

■ 250.6680, 12.1980,
-11.8180

Harmonies

Analogous

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



167.2360, -47.8190, -8.9310



171.3500, -38.9720, 1.4440



175.9120, -19.7630, 11.2530

Triad

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



171.3500, -38.9720, 1.4440



178.6240, 33.8340, 14.5860



171.0680, -3.8480, -18.3760

Complementary

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



171.3500, -38.9720, 1.4440



180.6500, 38.9720, -1.4440

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.



173.7670, 16.2330, -13.3590



171.3500, -38.9720, 1.4440



177.4960, 36.7700, 5.4260

Square

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



171.3500, -38.9720, 1.4440



179.3270, 21.7290, 19.2090



175.4640, 30.6280, -4.4120



167.8190, -25.0760, -19.1240

Rectangle

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



171.3500, -38.9720, 1.4440



177.9740, -5.1380, 16.0300



175.4640, 30.6280, -4.4120



172.0150, 3.6710, -16.9770

Sweetspot

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



171.3500, -38.9720, 1.4440



239.5840, -13.3880, 0.3400



187.2380, -34.1060, -31.6900



118.2210, -7.9320, 0.5800



0.0000, 0.0000, 0.0000



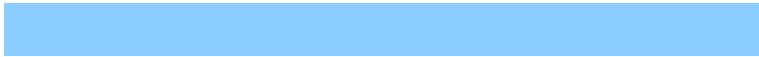
128.0000, -0.0000, -0.0000

Same Dimension

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



171.3500, -38.9720, 1.4440



191.2650, -54.7900, 1.7700



147.2830, -27.6970, 22.8870



103.7760, -5.1810, 0.2830



76.6610, -82.2080, 3.0720



20.5060, -21.9160, 0.7080

Inverse Universe

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



164.7620, 34.1060, 31.6900



181.7950, 47.6750, 44.5950



204.1300, 27.9720, -22.3640



102.9730, 4.6300, 4.1980



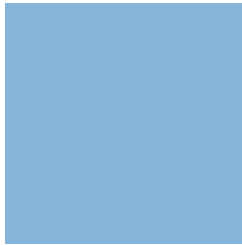
62.7850, 71.9710, 66.8430



16.7180, 19.0700, 17.8380

Previews

White Background



This preview shows how the YIQ color 171.3500, -38.9720, 1.4440 looks on a white background.

Color Contrast Check

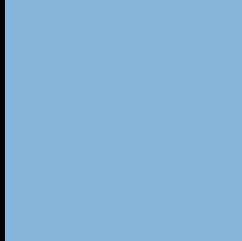
Large Text (above 18pt) WCAG AA × Fail

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 171.3500, -38.9720, 1.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

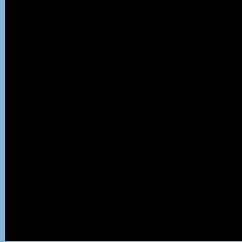
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.3500, -38.9720, 1.4440

Background



This preview shows how black text looks on a background with the YIQ color 171.3500, -38.9720, 1.4440.



This preview shows how white text looks on a background with the YIQ color 171.3500, -38.9720,

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

171.3500, -38.9720, 1.4440

Protanopia

175.6520, -16.0950, 10.8570

Deuteranopia

176.7600, -16.2790, 14.1930



Tritanopia

169.5640, -36.9990, -6.7830

Trichromacy



Original Color

171.3500, -38.9720, 1.4440

Protanomaly

174.0530, -24.7140, 7.3660

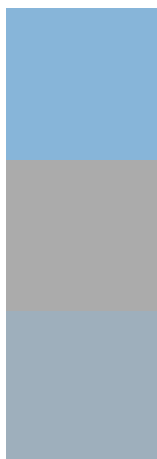
Deuteranomaly

174.5200, -24.5310, 9.5570

Tritanomaly

170.3730, -37.7790, -3.6590

Monochromacy



Original Color

171.3500, -38.9720, 1.4440

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.3990, -14.3050, 0.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3500, -38.9720, 1.4440 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(135, 181, 217)` looks like.

```
.text, #text, p{  
    color:rgb(135, 181, 217)  
}
```

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(135, 181, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 181, 217) }
```

Border

The CSS property to change the border of an element to YIQ 171.3500, -38.9720, 1.4440 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(135, 181, 217) }
```


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

```
.border{ border-color:rgb(135, 181, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 181, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 181, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 181, 217);  
box-shadow:4px 4px 4px 4px rgb(135, 181,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3500, -38.9720, 1.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 181, 217) }
```

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

```
.background{ background-color: rgb(135,  
181, 217) }
```

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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