

Converting Colors

YIQ(171.5410, -38.1920,
-1.6800)

Have a look what the booklet for
YIQ(171.5410, -38.1920, -1.6800)
contains.

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Color

**YIQ(171.5410, -38.1920,
-1.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	86B7D3
RGB	134, 183, 211
RGB Percent	53%, 72%, 83%
CMY	0.4746, 0.2823, 0.1727
CMYK	0.36, 0.13, 0.00, 0.17
HSL	202°, 47%, 68%
HSV	202°, 36%, 83%
XYZ	38.5176, 43.6427, 67.9928
YIQ	171.5410, -38.1920, -1.6800

Conversions

Conversions Part 2

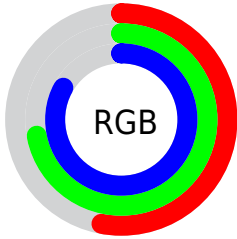
Format	Color
RYB	134, 164, 211
Decimal	8828883
CIELab	71.99, -9.26, -19.24
CIElCh	72, 21.353, 244.312
Yxy	43.6427, 0.2565, 0.2907
Android (android.graphics.Color)	4287018963 (0xFF86B7D3)
YUV	171.5410, 19.4533, -32.9235
Hunter-Lab	66.0626, -11.5358, -14.7784

Details

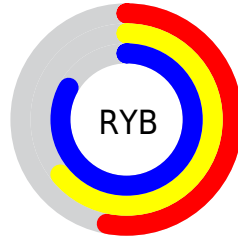
The YIQ color **171.5410, -38.1920, -1.6800** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **173.4590, 38.1920, 1.6800**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.8740, -34.9360, -5.6240**, and **118.3130, -37.5500, -2.3020** is the 20% darker color. If you saturate the color by 10%, you get **160.5660, -48.5080, -1.9480**, and if you desaturate by 10%, it is **182.5160, -27.8760, -1.4120**.

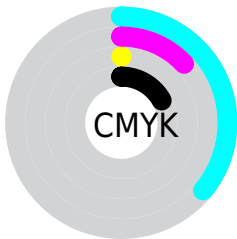
Distribution



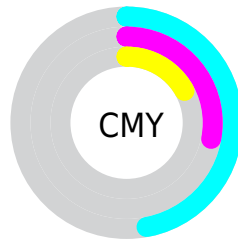
- Red (53%)
- Green (72%)
- Blue (83%)



- Red (53%)
- Yellow (64%)
- Blue (83%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.5410, -38.1920, -1.6800 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 171.5410, -38.1920, -1.6800 by changing the saturation by 10% instead.

■ 171.5410,
-38.1920, -1.6800

■ 171.5410,
-38.1920, -1.6800

■ 255.0000, -0.0000,
-0.0000

■ 144.4270,
-37.8710, -1.9910

■ 225.8740,
-34.9360, -5.6240

■ 118.3130,
-37.5500, -2.3020

■ 243.9370,
-22.0520, -7.8440

■ 92.6010, -38.4210,
-3.0370

■ 252.6080, -4.7680,
-1.6960

■ 66.6930, -41.6760,
-4.6200

■ 43.2800, -41.9510,
-5.1430

■ 27.7440, -28.5180,
-0.7900

■ 12.9090, -15.6810,

3.3510

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 171.5410,
-38.1920, -1.6800

■ 171.5410,
-38.1920, -1.6800

■ 160.5660,
-48.5080, -1.9480

■ 182.5160,
-27.8760, -1.4120

■ 150.1780,
-59.0990, -2.7390

■ 192.9040,
-17.2850, -0.6210

■ 139.2030,
-69.4150, -3.0070

■ 203.8790, -6.9690,
-0.3530

■ 128.2280,
-79.7310, -3.2750

■ 214.8540, 3.3470,
-0.0850

■ 117.5410,
-90.9180, -4.2780

■ 225.2420, 13.9380,
0.7060

■ 106.5660,
-101.2340, -4.5460

■ 234.7220, 21.2740,
-0.0860

■ 102.7120,
-104.5810, -4.4610

■ 239.4180, 19.0740,
-4.2700

■ 243.5270, 17.1490,
-7.9310

■ 248.2230, 14.9490,
-12.1150

Harmonies

Analogous

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



169.1180, -41.6750, -10.1470



171.5410, -38.1920, -1.6800



175.3520, -24.1180, 7.5780

Triad

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



171.5410, -38.1920, -1.6800



180.1010, 28.0570, 14.6570



173.1830, 3.2580, -14.9980

Complementary

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



171.5410, -38.1920, -1.6800



173.4590, 38.1920, 1.6800

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.



175.2560, 19.3500, -9.2740



171.5410, -38.1920, -1.6800



178.5220, 33.8810, 8.2250

Square

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



171.5410, -38.1920, -1.6800



179.9670, 13.9350, 17.2870



177.5720, 30.4440, -1.0760



170.6630, -15.7690, -17.0890

Rectangle

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



171.5410, -38.1920, -1.6800



178.0440, -11.3270, 12.5530



177.5720, 30.4440, -1.0760



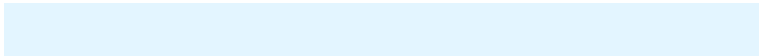
173.7600, 8.9430, -13.4010

Sweetspot

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



171.5410, -38.1920, -1.6800



240.7580, -13.9380, -0.7060



182.2770, -29.8420, -31.8740



118.8080, -8.2070, 0.0570



0.0000, 0.0000, 0.0000



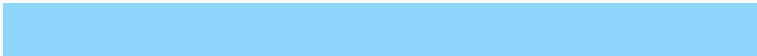
128.0000, -0.0000, -0.0000

Same Dimension

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



171.5410, -38.1920, -1.6800



197.4450, -55.4770, -2.3010



149.8220, -28.0170, 17.6710



99.3630, -5.4560, -0.2400



81.9610, -83.3530, -3.7130



19.9360, -20.3110, -0.8470

Inverse Universe

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



162.6090, 30.1630, 31.5630



184.5820, 43.9610, 45.8250



195.1780, 28.0170, -17.6710



98.0870, 4.3090, 4.5090



62.4300, 65.7810, 68.8930



15.2230, 16.0900, 16.7780

Previews

White Background



This preview shows how the YIQ color 171.5410, -38.1920, -1.6800 looks on a white background.

Color Contrast Check

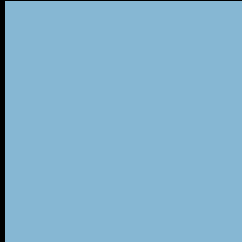
Large Text (above 18pt) WCAG AA × Fail

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 171.5410, -38.1920, -1.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

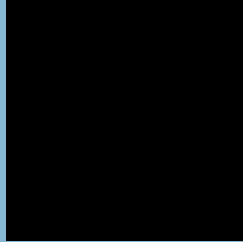
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.5410, -38.1920, -1.6800

Background



This preview shows how black text looks on a background with the YIQ color 171.5410, -38.1920, -1.6800.



This preview shows how white text looks on a background with the YIQ color 171.5410, -38.1920,

-1.6800.

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

171.5410, -38.1920, -1.6800

Protanopia

176.3380, -12.3350, 8.7930

Deuteranopia

177.2720, -11.9690, 13.1750



Tritanopia

170.5640, -36.9990, -6.7830

Trichromacy



Original Color

171.5410, -38.1920, -1.6800

Protanomaly

174.4400, -21.5500, 5.0900

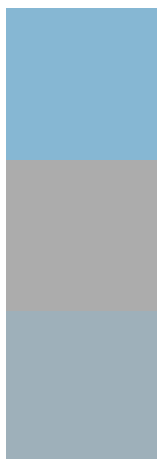
Deuteranomaly

175.0210, -21.6880, 7.5920

Tritanomaly

170.7320, -37.4120, -4.8040

Monochromacy



Original Color

171.5410, -38.1920, -1.6800

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.7580, -13.9380, -0.7060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.5410, -38.1920, -1.6800 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(134, 183, 211)` looks like.

```
.text, #text, p{  
    color:rgb(134, 183, 211)  
}
```

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(134, 183, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 183, 211) }
```

Border

The CSS property to change the border of an element to YIQ 171.5410, -38.1920, -1.6800 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(134, 183, 211) }
```


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

```
.border{ border-color:rgb(134, 183, 211) }
```

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

Here you see how a box with a 4 pixel rgb(134, 183, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 183, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 183, 211);  
box-shadow:4px 4px 4px 4px rgb(134, 183,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 171.5410, -38.1920, -1.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 183, 211) }
```

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

```
.background{ background-color: rgb(134,  
183, 211) }
```

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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