

Converting Colors

YIQ(179.6720, -37.1830,
-3.4470)

Have a look what the booklet for
YIQ(179.6720, -37.1830, -3.4470)
contains.

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Color

**YIQ(179.6720, -37.1830,
-3.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC0D7
RGB	142, 192, 215
RGB Percent	56%, 75%, 84%
CMY	0.4432, 0.2470, 0.1570
CMYK	0.34, 0.11, 0.00, 0.16
HSL	199°, 48%, 70%
HSV	199°, 34%, 84%
XYZ	42.2653, 48.3611, 71.3686
YIQ	179.6720, -37.1830, -3.4470

Conversions

Conversions Part 2

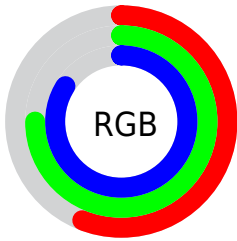
Format	Color
RYB	142, 172, 215
Decimal	9355479
CIELab	75.05, -10.83, -16.75
CIELCh	75, 19.941, 237.113
Yxy	48.3611, 0.2609, 0.2985
Android (android.graphics.Color)	4287545559 (0xFF8EC0D7)
YUV	179.6720, 17.4167, -33.0383
Hunter-Lab	69.5421, -13.2125, -12.1677

Details

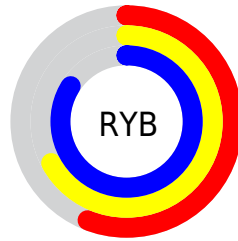
The YIQ color **179.6720, -37.1830, -3.4470** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.3280, 37.1830, 3.4470**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.8480, -32.0470, -8.4230**, and **126.4440, -36.5410, -4.0690** is the 20% darker color. If you saturate the color by 10%, you get **168.9850, -48.3700, -4.4500**, and if you desaturate by 10%, it is **190.0600, -26.5920, -2.6560**.

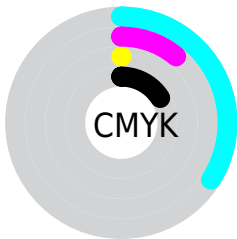
Distribution



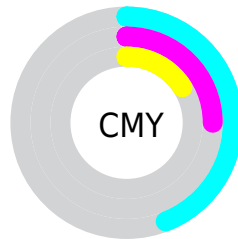
- Red (56%)
- Green (75%)
- Blue (84%)



- Red (56%)
- Yellow (67%)
- Blue (84%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.6720, -37.1830, -3.4470 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 179.6720, -37.1830, -3.4470 by changing the saturation by 10% instead.

■ 179.6720,
-37.1830, -3.4470

■ 179.6720,
-37.1830, -3.4470

■ 255.0000, -0.0000,
-0.0000

■ 152.5580,
-36.8620, -3.7580

■ 233.8480,
-32.0470, -8.4230

■ 126.4440,
-36.5410, -4.0690

■ 246.3290,
-17.2840, -6.1480

■ 100.1450,
-37.1370, -4.2810

■ 75.1340, -38.6040,
-5.2280

■ 47.7310, -44.8390,
-7.8710

■ 32.1950, -31.4060,
-3.5180

■ 17.9470, -18.8440,

0.1000

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 179.6720,
-37.1830, -3.4470

■ 179.6720,
-37.1830, -3.4470

■ 168.9850,
-48.3700, -4.4500

■ 190.0600,
-26.5920, -2.6560

■ 159.1840,
-59.2360, -5.7640

■ 200.7470,
-15.4050, -1.6530

■ 148.4970,
-70.4230, -6.7670

■ 210.5480, -4.5390,
-0.3390

■ 138.1090,
-81.0140, -7.5580

■ 221.2350, 6.6480,
0.6640

■ 127.4220,
-92.2010, -8.5610

■ 231.6230, 17.2390,
1.4550

■ 117.0340,
-102.7920, -9.3520

■ 237.5260, 18.8900,
-0.9340

■ 110.7990,
-109.4400, -10.0160

■ 241.0480, 17.2400,
-4.0720

■ 245.1570, 15.3150,
-7.7330

■ 249.2660, 13.3900,
-11.3940

Harmonies

Analogous

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



177.7440, -37.6860, -10.8540



179.6720, -37.1830, -3.4470



183.4010, -25.8140, 5.2740

Triad

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



179.6720, -37.1830, -3.4470



188.0620, 23.7930, 14.8410



182.3900, 7.1090, -13.2030

Complementary

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



179.6720, -37.1830, -3.4470



177.3280, 37.1830, 3.4470

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.



184.3920, 21.9630, -7.0690



179.6720, -37.1830, -3.4470



187.4940, 31.0840, 9.3560

Square

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



179.6720, -37.1830, -3.4470



187.9880, 9.4420, 16.1140



186.1530, 30.3060, 1.4260



179.8270, -10.3590, -16.0150

Rectangle

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



179.6720, -37.1830, -3.4470



185.7230, -14.8570, 10.4470



186.1530, 30.3060, 1.4260



183.0810, 12.4730, -11.2950

Sweetspot

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



179.6720, -37.1830, -3.4470



242.8290, -12.7000, -1.1160



187.3590, -27.1370, -31.3370



120.2810, -8.1610, -0.7770



0.0000, 0.0000, 0.0000



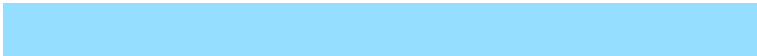
128.0000, -0.0000, -0.0000

Same Dimension

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



179.6720, -37.1830, -3.4470



204.2340, -53.5050, -5.0010



159.1270, -27.5580, 14.8580



101.9500, -5.7310, -0.7630



88.1730, -87.0660, -8.0100



22.5120, -22.0530, -2.3170

Inverse Universe

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



169.5270, 27.4580, 31.0260



189.6030, 39.4680, 44.6520



197.8730, 27.5580, -14.8580



100.2010, 3.9880, 4.8200



64.4670, 64.3590, 72.6390



16.2770, 15.9980, 18.4460

Previews

White Background



This preview shows how the YIQ color 179.6720, -37.1830, -3.4470 looks on a white background.

Color Contrast Check

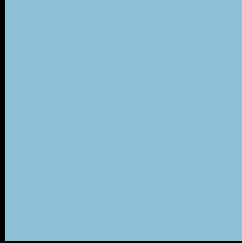
Large Text (above 18pt) WCAG AA × Fail

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 179.6720, -37.1830, -3.4470 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 179.6720, -37.1830, -3.4470

Background



This preview shows how black text looks on a background with the YIQ color 179.6720, -37.1830, -3.4470.



This preview shows how white text looks on a background with the YIQ color 179.6720, -37.1830,

-3.4470.

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

179.6720, -37.1830, -3.4470

Protanopia

185.0670, -10.1340, 7.4500

Deuteranopia

186.1260, -8.6220, 13.0900



Tritanopia

178.9770, -36.7240, -6.2600

Trichromacy



Original Color

179.6720, -37.1830, -3.4470

Protanomaly

182.8700, -19.9450, 3.5350

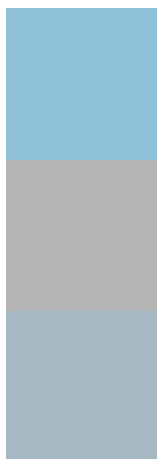
Deuteranomaly

183.5760, -18.9370, 7.2950

Tritanomaly

179.5040, -36.7700, -5.4260

Monochromacy



Original Color

179.6720, -37.1830, -3.4470

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.6440, -13.6170, -1.0170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.6720, -37.1830, -3.4470 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(142, 192, 215)` looks like.

```
.text, #text, p{  
    color:rgb(142, 192, 215)  
}
```

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(142, 192, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 192, 215) }
```

Border

The CSS property to change the border of an element to YIQ 179.6720, -37.1830, -3.4470 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(142, 192, 215) }
```


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

```
.border{ border-color:rgb(142, 192, 215) }
```

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

Here you see how a box with a 4 pixel rgb(142, 192, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 192, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 192, 215);  
box-shadow:4px 4px 4px 4px rgb(142, 192,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 179.6720, -37.1830, -3.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 192, 215) }
```

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

```
.background{ background-color: rgb(142,  
192, 215) }
```

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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