

Converting Colors

YIQ(210.3670, -46.8100,
-10.6980)

Have a look what the booklet for
YIQ(210.3670, -46.8100, -10.6980)
contains.

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Color

**YIQ(210.3670, -46.8100,
-10.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE6F4
RGB	159, 230, 244
RGB Percent	62%, 90%, 96%
CMY	0.3766, 0.0979, 0.0433
CMYK	0.35, 0.06, 0.00, 0.04
HSL	190°, 79%, 79%
HSV	190°, 35%, 96%
XYZ	58.9166, 70.5056, 96.0518
YIQ	210.3670, -46.8100, -10.6980

Conversions

Conversions Part 2

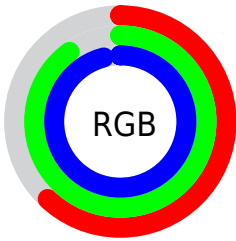
Format	Color
R_{YB}	159, 198, 244
Decimal	10479348
CIE _{Lab}	87.24, -18.70, -13.81
CIE _{LCh}	87, 23.242, 216.441
Yxy	70.5056, 0.2613, 0.3127
Android (android.graphics.Color)	4288669428 (0xFF9FE6F4)
YUV	210.3670, 16.5811, -45.0489
Hunter-Lab	83.9676, -21.6973, -9.0453

Details

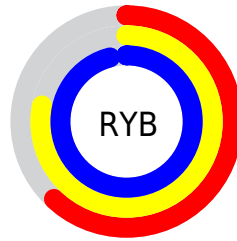
The YIQ color **210.3670, -46.8100, -10.6980** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **192.6330, 46.8100, 10.6980**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, -23.2440, -8.2680**, and **154.6660, -46.2140, -10.4860** is the 20% darker color. If you saturate the color by 10%, you get **200.8430, -60.0140, -13.6940**, and if you desaturate by 10%, it is **219.8910, -33.6060, -7.7020**.

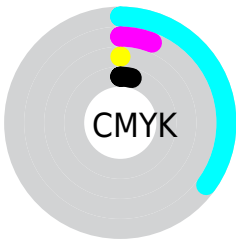
Distribution



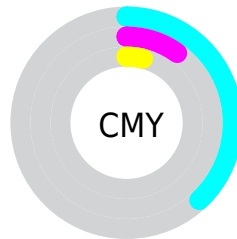
- Red (62%)
- Green (90%)
- Blue (96%)



- Red (62%)
- Yellow (78%)
- Blue (96%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.3670, -46.8100, -10.6980 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 210.3670, -46.8100, -10.6980 by changing the saturation by 10% instead.

210.3670,
-46.8100, -10.6980

210.3670,
-46.8100, -10.6980

255.0000, -0.0000,
-0.0000

182.3670,
-46.8100, -10.6980

243.3390,
-23.2440, -8.2680

154.6660,
-46.2140, -10.4860

252.0100, -5.9600,
-2.1200

127.9540,
-47.0850, -11.2210

101.0570,
-48.8730, -11.8570

71.4580, -57.4920,
-15.3480

52.5410, -47.3600,
-11.7440

36.4180, -33.6520,

-6.8680

■ 22.1700, -21.0900,
-3.2500

■ 2.7530, -6.3740,
5.3860

■ 210.3670,
-46.8100, -10.6980

■ 210.3670,
-46.8100, -10.6980

■ 200.8430,
-60.0140, -13.6940

■ 219.8910,
-33.6060, -7.7020

■ 191.0200,
-73.8140, -16.9020

■ 229.7140,
-19.8060, -4.4940

■ 181.4960,
-87.0180, -19.8980

■ 239.2380, -6.6020,
-1.4980

■ 171.6730,
-100.8180, -23.1060

■ 248.4630, 6.0060,
1.2860

■ 162.1490,
-114.0220, -26.1020

■ 250.8110, 4.9060,
-0.8060

■ 152.6250,
-127.2260, -29.0980

■ 253.1590, 3.8060,
-2.8980

■ 147.5640,
-134.4240, -30.8080

■ 253.7460, 3.5310,
-3.4210

Harmonies

Analogous

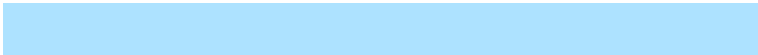
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209.7560, -37.9600, -16.9040



210.3670, -46.8100, -10.6980



213.4590, -40.8970, -2.2170

Triad

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



210.3670, -46.8100, -10.6980



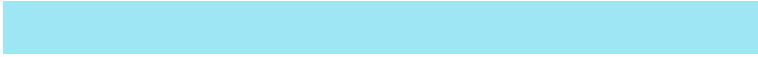
222.4020, 17.1440, 19.7040



217.5720, 21.2760, -11.1400

Complementary

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



210.3670, -46.8100, -10.6980



192.6330, 46.8100, 10.6980

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.



219.3120, 34.1120, -1.4720



210.3670, -46.8100, -10.6980



219.8020, 27.4610, 14.4450

Square

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



210.3670, -46.8100, -10.6980



221.2840, -3.0750, 17.1890



218.5820, 33.6520, 6.8680



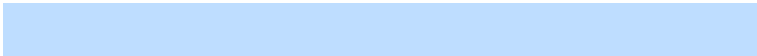
214.5310, 2.1580, -17.0900

Rectangle

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



210.3670, -46.8100, -10.6980



215.6070, -29.3900, 4.0020



218.5820, 33.6520, 6.8680



217.9040, 26.2730, -8.0870

Sweetspot

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



210.3670, -46.8100, -10.6980



245.1770, -13.8000, -3.2080



210.3770, -27.5480, -40.4120



121.4550, -8.7110, -1.8230



0.0000, 0.0000, 0.0000



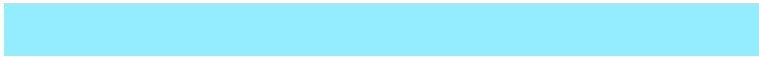
128.0000, -0.0000, -0.0000

Same Dimension

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



210.3670, -46.8100, -10.6980



212.4410, -58.8220, -13.2700



186.3000, -35.5350, 10.7450



117.2380, -6.6020, -1.4980



112.7760, -102.6060, -23.7420



35.4890, -32.4140, -7.2780

Inverse Universe

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



192.5090, 27.8690, 40.1010



190.1390, 35.2030, 50.3630



216.7000, 35.5350, -10.7450



114.7280, 3.9420, 5.6540



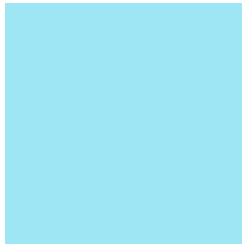
73.3980, 60.7800, 87.9480



23.2270, 19.4350, 27.7470

Previews

White Background



This preview shows how the YIQ color 210.3670, -46.8100, -10.6980 looks on a white background.

Color Contrast Check

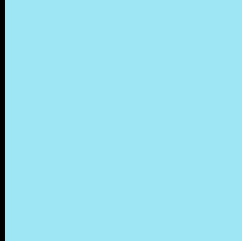
Large Text (above 18pt) WCAG AA × Fail

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 210.3670, -46.8100, -10.6980 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 210.3670, -46.8100, -10.6980 Background



This preview shows how black text looks on a background with the YIQ color 210.3670, -46.8100, -10.6980.



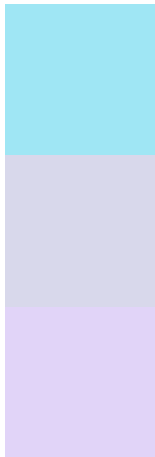
This preview shows how white text looks on a background with the YIQ color 210.3670, -46.8100, -10.6980.

-10.6980.

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

210.3670, -46.8100, -10.6980

Protanopia

218.1660, -6.0990, 5.9090

Deuteranopia

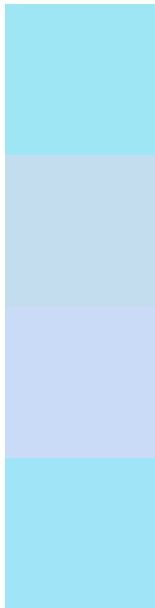
219.9910, -3.8080, 13.9520



Tritanopia

210.5350, -47.2230, -8.7190

Trichromacy



Original Color

210.3670, -46.8100, -10.6980

Protanomaly

215.1640, -20.9530, -0.2250

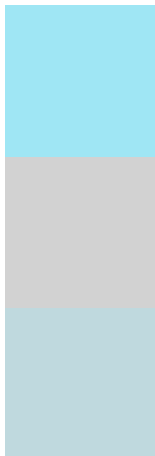
Deuteranomaly

216.8100, -19.7160, 4.8920

Tritanomaly

210.4210, -46.9020, -9.0300

Monochromacy



Original Color

210.3670, -46.8100, -10.6980

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7960, -17.1010, -3.9570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.3670, -46.8100, -10.6980 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(159, 230, 244)` looks like.

```
.text, #text, p{  
    color:rgb(159, 230, 244)  
}
```

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(159, 230, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 230, 244) }
```

Border

The CSS property to change the border of an element to YIQ 210.3670, -46.8100, -10.6980 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(159, 230, 244) }
```


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

```
.border{ border-color:rgb(159, 230, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 230, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 230, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 230, 244);  
box-shadow:4px 4px 4px 4px rgb(159, 230,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 210.3670, -46.8100, -10.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 230, 244) }
```

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

```
.background{ background-color: rgb(159,  
230, 244) }
```

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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