

Converting Colors

YIQ(215.3610, -46.6730,
-7.6730)

Have a look what the booklet for
YIQ(215.3610, -46.6730, -7.6730)
contains.

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Color

**YIQ(215.3610, -46.6730,
-7.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E9FE
RGB	166, 233, 254
RGB Percent	65%, 91%, 100%
CMY	0.3492, 0.0861, 0.0041
CMYK	0.35, 0.08, 0.00, 0.00
HSL	194°, 98%, 82%
HSV	194°, 35%, 100%
XYZ	62.7461, 73.5492, 104.6121
YIQ	215.3610, -46.6730, -7.6730

Conversions

Conversions Part 2

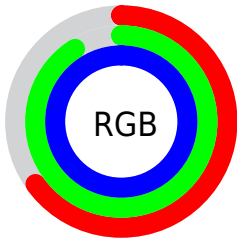
Format	Color
R _Y B	166, 204, 254
Decimal	10938878
CIE Lab	88.71, -15.97, -16.82
CIE LCh	89, 23.190, 226.485
Yxy	73.5492, 0.2605, 0.3053
Android (android.graphics.Color)	4289128958 (0xFFA6E9FE)
YUV	215.3610, 19.0490, -43.2896
Hunter-Lab	85.7608, -19.4836, -12.2901

Details

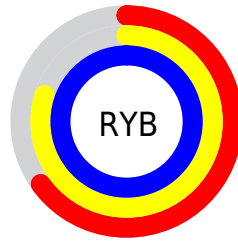
The YIQ color $215.3610, -46.6730, -7.6730$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $204.6390, 46.6730, 7.6730$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.4320, -19.0720, -6.7840$, and $159.2470, -46.3520, -7.9840$ is the 20% darker color. If you saturate the color by 10%, you get $204.3640, -59.9230, -9.8350$, and if you desaturate by 10%, it is $226.3580, -33.4230, -5.5110$.

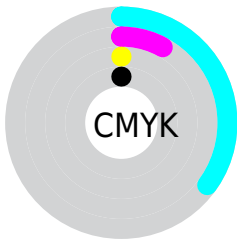
Distribution



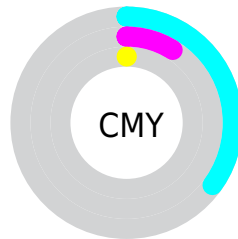
- Red (65%)
- Green (91%)
- Blue (100%)



- Red (65%)
- Yellow (80%)
- Blue (100%)



- Cyan (35%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.3610, -46.6730, -7.6730 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 215.3610, -46.6730, -7.6730 by changing the saturation by 10% instead.

■ 215.3610,
-46.6730, -7.6730

■ 215.3610,
-46.6730, -7.6730

■ 255.0000, -0.0000,
-0.0000

■ 187.2470,
-46.3520, -7.9840

■ 245.4320,
-19.0720, -6.7840

■ 159.2470,
-46.3520, -7.9840

■ 254.4020, -1.1920,
-0.4240

■ 132.8340,
-46.6270, -8.5070

■ 106.1220,
-47.4980, -9.2420

■ 78.4310, -52.8620,
-11.1500

■ 55.2140, -50.7530,
-10.8250

■ 38.9770, -36.7240,

-6.2600

■ 24.1420, -23.8870,
-2.1190

■ 3.6650, -8.9420,
7.8740

■ 215.3610,
-46.6730, -7.6730

■ 215.3610,
-46.6730, -7.6730

■ 204.3640,
-59.9230, -9.8350

■ 226.3580,
-33.4230, -5.5110

■ 193.0680,
-73.7690, -12.2090

■ 237.6540,
-19.5770, -3.1370

■ 182.0710,
-87.0190, -14.3710

■ 248.6510, -6.3270,
-0.9750

■ 170.7750,
-100.8650, -16.7450

■ 254.8860, 0.3210,
-0.3110

■ 159.7780,
-114.1150, -18.9070

■ 148.7810,
-127.3650, -21.0690

■ 142.8340,
-134.8840, -22.4680

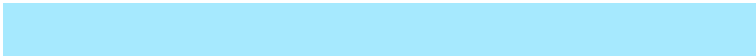
Harmonies

Analogous

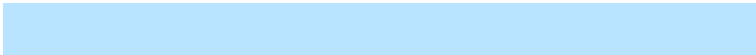
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.6570, -41.9950, -15.3630



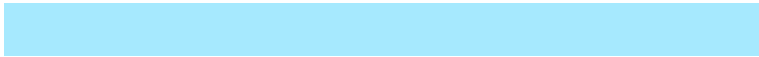
215.3610, -46.6730, -7.6730



218.2210, -34.2950, -0.7190

Triad

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



215.3610, -46.6730, -7.6730



225.0170, 19.6660, 18.0500



220.4680, 15.6370, -13.5710

Complementary

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



215.3610, -46.6730, -7.6730



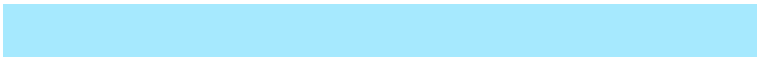
204.6390, 46.6730, 7.6730

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.



222.9370, 30.6740, -5.2460



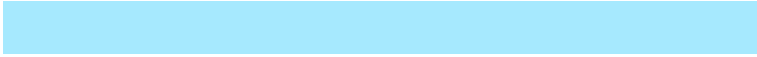
215.3610, -46.6730, -7.6730



221.8080, 27.3240, 11.4200

Square

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



215.3610, -46.6730, -7.6730



225.9320, 3.8480, 18.3760



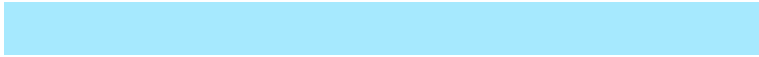
221.9900, 32.3230, 3.4190



217.8830, -4.7650, -18.2770

Rectangle

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



215.3610, -46.6730, -7.6730



220.9670, -21.5960, 5.9240



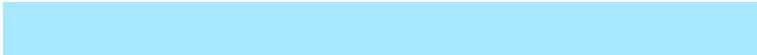
221.9900, 32.3230, 3.4190



221.5720, 21.2760, -11.1400

Sweetspot

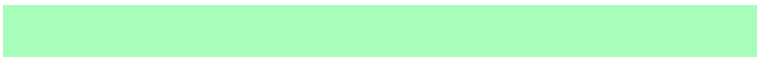
The Sweet Spot groups the original color and five complimentary colors.



215.3610, -46.6730, -7.6730



244.0030, -13.2500, -2.1620



219.9360, -30.6200, -39.8040



120.8680, -8.4360, -1.3000



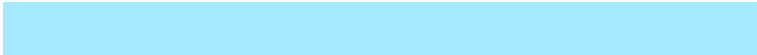
0.0000, 0.0000, 0.0000



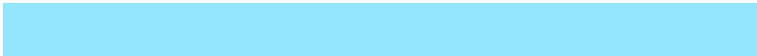
128.0000, -0.0000, -0.0000

Same Dimension

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



215.3610, -46.6730, -7.6730



208.3320, -56.8970, -9.6090



189.5330, -34.5730, 15.3390



121.7650, -6.6480, -0.6640



107.4760, -101.4610, -16.9570



36.0590, -34.0190, -5.7230

Inverse Universe

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



199.9500, 30.9410, 39.4930



189.3410, 37.4500, 48.1860



229.8800, 34.8480, -14.8160



119.9130, 4.8590, 5.5550



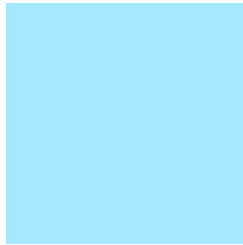
73.7530, 66.9700, 85.8980



24.7220, 22.4150, 28.8070

Previews

White Background



This preview shows how the YIQ color 215.3610, -46.6730, -7.6730 looks on a white background.

Color Contrast Check

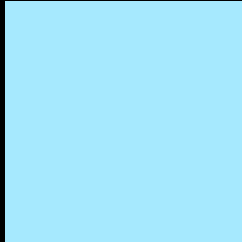
Large Text (above 18pt) WCAG AA × Fail

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 215.3610, -46.6730, -7.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

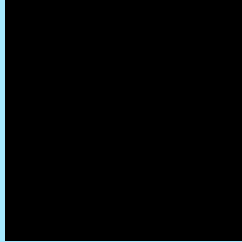
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.3610, -46.6730, -7.6730

Background



This preview shows how black text looks on a background with the YIQ color 215.3610, -46.6730, -7.6730.



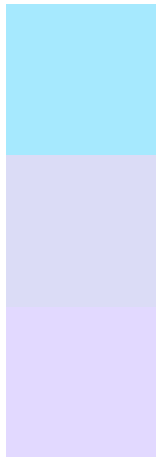
This preview shows how white text looks on a background with the YIQ color 215.3610, -46.6730, -7.6730.

-7.6730.

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

215.3610, -46.6730, -7.6730

Protanopia

222.6650, -8.9420, 7.8740

Deuteranopia

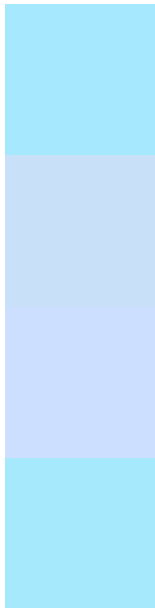
224.0230, -6.8340, 13.7260



Tritanopia

215.1330, -46.0310, -8.2950

Trichromacy



Original Color

215.3610, -46.6730, -7.6730

Protanomaly

220.2610, -22.6040, 2.1640

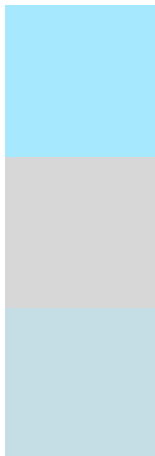
Deuteranomaly

220.9670, -21.5960, 5.9240

Tritanomaly

215.2470, -46.3520, -7.9840

Monochromacy



Original Color

215.3610, -46.6730, -7.6730

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.3230, -17.1470, -3.1230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.3610, -46.6730, -7.6730 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(166, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(166, 233, 254)  
}
```

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(166, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 233, 254) }
```

Border

The CSS property to change the border of an element to YIQ 215.3610, -46.6730, -7.6730 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(166, 233, 254) }
```


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

```
.border{ border-color:rgb(166, 233, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 233, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 233, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 233, 254);  
box-shadow:4px 4px 4px 4px rgb(166, 233,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 215.3610, -46.6730, -7.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 233, 254) }
```

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

```
.background{ background-color: rgb(166,  
233, 254) }
```

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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