

Converting Colors

YIQ(213.6930, -41.6760,
-4.6200)

Have a look what the booklet for
YIQ(213.6930, -41.6760, -4.6200)
contains.

YIQ(213.6930, -41.6760, -4.6200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.6930, -41.6760,
-4.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE4FC
RGB	171, 228, 252
RGB Percent	67%, 89%, 99%
CMY	0.3295, 0.1058, 0.0119
CMYK	0.32, 0.09, 0.00, 0.01
HSL	198°, 93%, 83%
HSV	198°, 32%, 99%
XYZ	62.1011, 71.1798, 102.5225
YIQ	213.6930, -41.6760, -4.6200

Conversions

Conversions Part 2

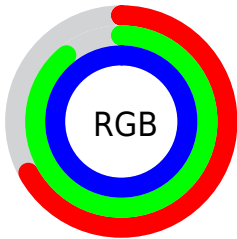
Format	Color
R_{YB}	171, 204, 252
Decimal	11265276
CIE _{Lab}	87.57, -12.56, -17.45
CIE _{LCh}	88, 21.506, 234.251
Yxy	71.1798, 0.2634, 0.3019
Android (android.graphics.Color)	4289455356 (0xFFABE4FC)
YUV	213.6930, 18.8854, -37.4418
Hunter-Lab	84.3681, -16.2551, -12.9904

Details

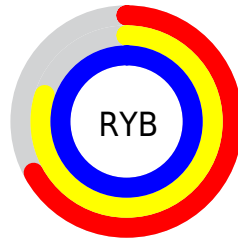
The YIQ color $213.6930, -41.6760, -4.6200$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $209.3070, 41.6760, 4.6200$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, -16.0920, -5.7240$, and $158.4650, -41.0340, -5.2420$ is the 20% darker color. If you saturate the color by 10%, you get $202.1090, -54.6510, -6.2590$, and if you desaturate by 10%, it is $225.2770, -28.7010, -2.9810$.

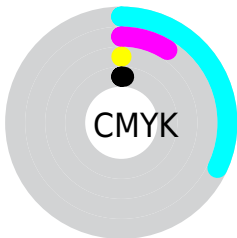
Distribution



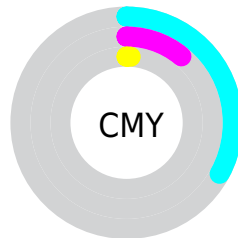
- Red (67%)
- Green (89%)
- Blue (99%)



- Red (67%)
- Yellow (80%)
- Blue (99%)



- Cyan (32%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (33%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.6930, -41.6760, -4.6200 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 213.6930, -41.6760, -4.6200 by changing the saturation by 10% instead.

■ 213.6930,
-41.6760, -4.6200

■ 213.6930,
-41.6760, -4.6200

■ 255.0000, -0.0000,
-0.0000

■ 185.5790,
-41.3550, -4.9310

■ 246.9270,
-16.0920, -5.7240

■ 158.4650,
-41.0340, -5.2420

■ 131.4650,
-41.0340, -5.2420

■ 105.1660,
-41.6300, -5.4540

■ 78.8560, -43.6930,
-6.6130

■ 52.6380, -49.0110,
-9.3550

■ 36.5150, -35.3030,

-4.4790

■ 22.1530, -22.4200,
-1.1720

■ 3.4370, -8.3000,
7.2520

■ 213.6930,
-41.6760, -4.6200

■ 213.6930,
-41.6760, -4.6200

■ 202.1090,
-54.6510, -6.2590

■ 225.2770,
-28.7010, -2.9810

■ 189.9380,
-67.3510, -7.3750

■ 237.4480,
-16.0010, -1.8650

■ 178.0550,
-80.9220, -9.2260

■ 249.3310, -2.4300,
-0.0140

■ 165.8840,
-93.6220, -10.3420

■ 254.6580, 0.9630,
-0.9330

■ 154.3000,
-106.5970, -11.9810

■ 142.1290,
-119.2970, -13.0970

■ 133.2140,
-129.8420, -14.7220

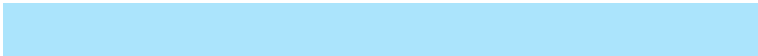
Harmonies

Analogous

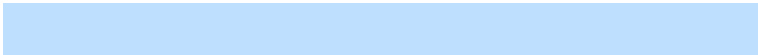
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.7220, -40.6200, -12.7480



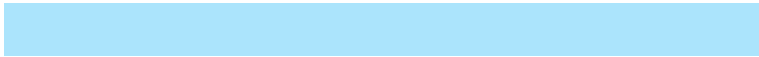
213.6930, -41.6760, -4.6200



217.0800, -29.3440, 3.1680

Triad

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



213.6930, -41.6760, -4.6200



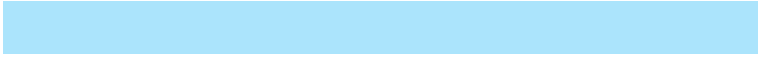
222.7030, 23.4260, 15.9860



216.8310, 10.1810, -13.8110

Complementary

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



213.6930, -41.6760, -4.6200



209.3070, 41.6760, 4.6200

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.



219.2460, 25.3100, -7.1540



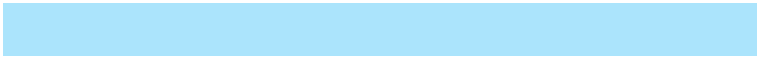
213.6930, -41.6760, -4.6200



220.4230, 29.8460, 9.7660

Square

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



213.6930, -41.6760, -4.6200



222.8570, 8.4330, 17.8810



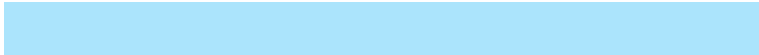
220.8330, 34.2030, 2.3870



214.0720, -9.6710, -17.4710

Rectangle

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



213.6930, -41.6760, -4.6200



219.5270, -17.2410, 9.5990



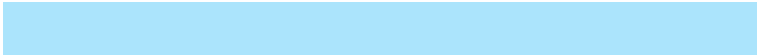
220.8330, 34.2030, 2.3870



217.5220, 15.5450, -11.9030

Sweetspot

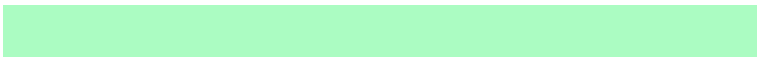
The Sweet Spot groups the original color and five complimentary colors.



213.6930, -41.6760, -4.6200



242.8290, -12.7000, -1.1160



221.1690, -29.6580, -35.2100



120.2810, -8.1610, -0.7770



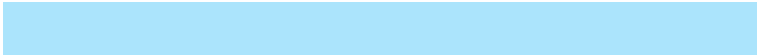
0.0000, 0.0000, 0.0000



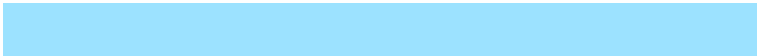
128.0000, -0.0000, -0.0000

Same Dimension

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



213.6930, -41.6760, -4.6200



208.3760, -51.0290, -5.8210



190.8000, -30.9510, 15.7770



118.7650, -6.6480, -0.6640



99.6170, -97.2440, -10.7800



32.1950, -31.4060, -3.5180

Inverse Universe

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



201.7170, 29.9790, 34.8990



193.5810, 36.5340, 42.7580



232.2000, 30.9510, -15.7770



116.9130, 4.8590, 5.5550



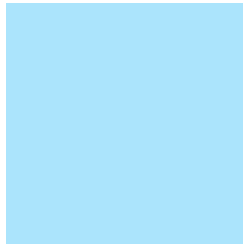
71.6730, 69.9510, 81.4310



23.1410, 22.5530, 26.3050

Previews

White Background



This preview shows how the YIQ color 213.6930, -41.6760, -4.6200 looks on a white background.

Color Contrast Check

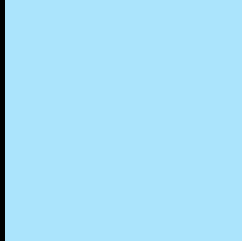
Large Text (above 18pt) WCAG AA × Fail

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 213.6930, -41.6760, -4.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

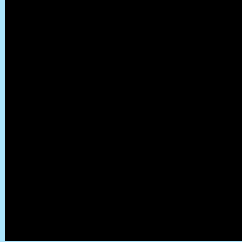
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.6930, -41.6760, -4.6200

Background



This preview shows how black text looks on a background with the YIQ color 213.6930, -41.6760, -4.6200.



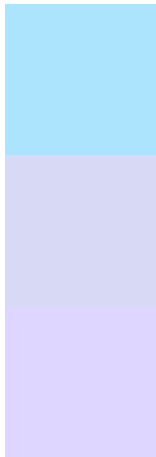
This preview shows how white text looks on a background with the YIQ color 213.6930, -41.6760, -4.6200.

-4.6200.

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

213.6930, -41.6760, -4.6200

Protanopia

219.5940, -10.1800, 8.2840

Deuteranopia

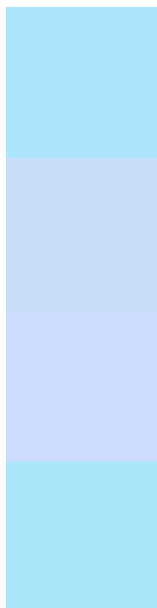
221.3650, -7.7970, 14.6590



Tritanopia

213.4110, -40.9420, -6.9100

Trichromacy



Original Color

213.6930, -41.6760, -4.6200

Protanomaly

217.5000, -21.7790, 3.7330

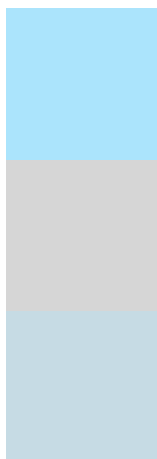
Deuteranomaly

218.5050, -20.1750, 7.7050

Tritanomaly

213.6390, -41.5840, -6.2880

Monochromacy



Original Color

213.6930, -41.6760, -4.6200

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.7470, -15.4050, -1.6530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.6930, -41.6760, -4.6200 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(171, 228, 252)` looks like.

```
.text, #text, p{  
    color:rgb(171, 228, 252)  
}
```

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(171, 228, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 228, 252) }
```

Border

The CSS property to change the border of an element to YIQ 213.6930, -41.6760, -4.6200 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(171, 228, 252) }
```


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

```
.border{ border-color:rgb(171, 228, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 228, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 228, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 228, 252); box-shadow:4px 4px 4px 4px rgb(171, 228, 252) }
```

Background

The CSS property to change the background color of an element to YIQ 213.6930, -41.6760, -4.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 228, 252) }
```

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

```
.background{ background-color: rgb(171,  
228, 252) }
```

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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