

Converting Colors

YIQ(209.9270, -42.4550,
-7.0230)

Have a look what the booklet for
YIQ(209.9270, -42.4550, -7.0230)
contains.

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Color

**YIQ(209.9270, -42.4550,
-7.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	A5E2F5
RGB	165, 226, 245
RGB Percent	65%, 89%, 96%
CMY	0.3531, 0.1136, 0.0394
CMYK	0.33, 0.08, 0.00, 0.04
HSL	194°, 80%, 80%
HSV	194°, 33%, 96%
XYZ	59.1876, 68.9921, 96.5461
YIQ	209.9270, -42.4550, -7.0230

Conversions

Conversions Part 2

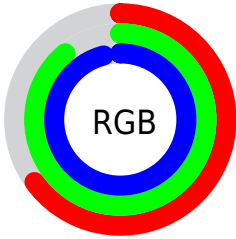
Format	Color
R _Y B	165, 200, 245
Decimal	10871541
CIE Lab	86.50, -14.84, -15.42
CIE LCh	87, 21.397, 226.098
Yxy	68.9921, 0.2634, 0.3070
Android (android.graphics.Color)	4289061621 (0xFFA5E2F5)
YUV	209.9270, 17.2910, -39.4010
Hunter-Lab	83.0615, -18.1628, -10.7724

Details

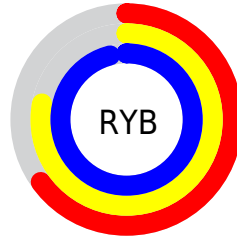
The YIQ color $209.9270, -42.4550, -7.0230$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $200.0730, 42.4550, 7.0230$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1330, -19.6680, -6.9960$, and $154.8130, -42.1340, -7.3340$ is the 20% darker color. If you saturate the color by 10%, you get $198.9300, -55.7050, -9.1850$, and if you desaturate by 10%, it is $220.6250, -29.8010, -5.0730$.

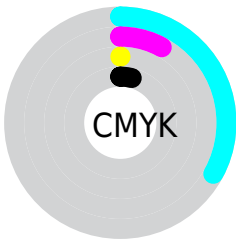
Distribution



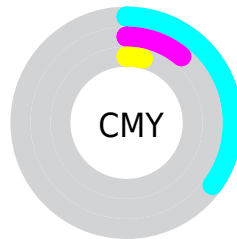
- Red (65%)
- Green (89%)
- Blue (96%)



- Red (65%)
- Yellow (78%)
- Blue (96%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (35%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.9270, -42.4550, -7.0230 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 209.9270, -42.4550, -7.0230 by changing the saturation by 10% instead.

■ 209.9270,
-42.4550, -7.0230

■ 209.9270,
-42.4550, -7.0230

■ 255.0000, -0.0000,
-0.0000

■ 181.8130,
-42.1340, -7.3340

■ 245.1330,
-19.6680, -6.9960

■ 154.8130,
-42.1340, -7.3340

■ 253.8040, -2.3840,
-0.8480

■ 127.8130,
-42.1340, -7.3340

■ 101.4000,
-42.4090, -7.8570

■ 75.1930, -46.2600,
-9.6520

■ 50.8940, -46.8560,
-9.8640

■ 34.6570, -32.8270,

-5.2990

■ 20.4090, -20.2650,
-1.6810

■ 2.8670, -6.6950,
5.6970

■ 209.9270,
-42.4550, -7.0230

■ 209.9270,
-42.4550, -7.0230

■ 198.9300,
-55.7050, -9.1850

■ 220.6250,
-29.8010, -5.0730

■ 188.2320,
-68.3590, -11.1350

■ 231.6220,
-16.5510, -2.9110

■ 177.8220,
-81.8840, -13.8200

■ 241.7330, -3.6220,
-0.4380

■ 167.1240,
-94.5380, -15.7700

■ 250.3380, 4.8600,
0.0280

■ 156.1270,
-107.7880, -17.9320

■ 253.8600, 3.2100,
-3.1100

■ 145.4290,
-120.4420, -19.8820

■ 137.6990,
-130.0700, -21.6060

Harmonies

Analogous

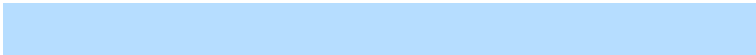
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.4510, -38.4190, -14.0910



209.9270, -42.4550, -7.0230



213.2150, -34.1580, 2.3060

Triad

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



209.9270, -42.4550, -7.0230



220.3870, 21.5000, 17.8520



214.8100, 14.6740, -12.6380

Complementary

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



209.9270, -42.4550, -7.0230



200.0730, 42.4550, 7.0230

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.



216.7950, 28.1980, -4.4260



209.9270, -42.4550, -7.0230



218.8900, 30.0290, 11.9570

Square

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



209.9270, -42.4550, -7.0230



219.6930, 3.0230, 16.8070



218.5990, 34.9820, 4.7900



212.1220, -3.9400, -16.7080

Rectangle

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



209.9270, -42.4550, -7.0230



215.9500, -22.9260, 8.0020



218.5990, 34.9820, 4.7900



215.0280, 19.9920, -9.8960

Sweetspot

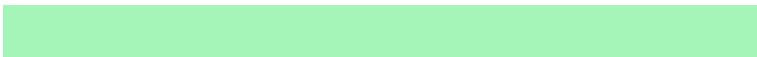
The Sweet Spot groups the original color and five complimentary colors.



209.9270, -42.4550, -7.0230



244.0030, -13.2500, -2.1620



214.1260, -28.0990, -35.9310



120.8680, -8.4360, -1.3000



0.0000, 0.0000, 0.0000



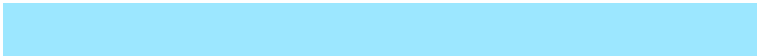
128.0000, -0.0000, -0.0000

Same Dimension

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



209.9270, -42.4550, -7.0230



211.3110, -52.4040, -8.4360



186.4470, -31.4550, 13.8970



117.2380, -6.6020, -1.4980



104.5580, -98.7560, -16.4200



33.1410, -31.3140, -5.1860

Inverse Universe

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



195.8740, 28.0990, 35.9310



194.1510, 34.9290, 44.3130



223.5530, 31.4550, -13.8970



114.7280, 3.9420, 5.6540



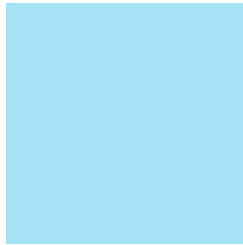
71.8020, 65.2740, 83.5940



22.7710, 20.7190, 26.5030

Previews

White Background



This preview shows how the YIQ color 209.9270, -42.4550, -7.0230 looks on a white background.

Color Contrast Check

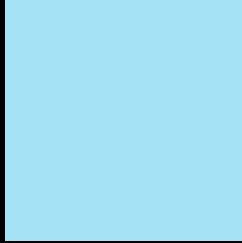
Large Text (above 18pt) WCAG AA × Fail

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 209.9270, -42.4550, -7.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

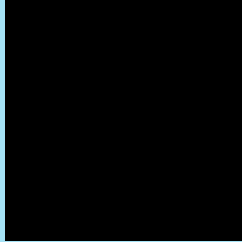
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.9270, -42.4550, -7.0230

Background



This preview shows how black text looks on a background with the YIQ color 209.9270, -42.4550, -7.0230.



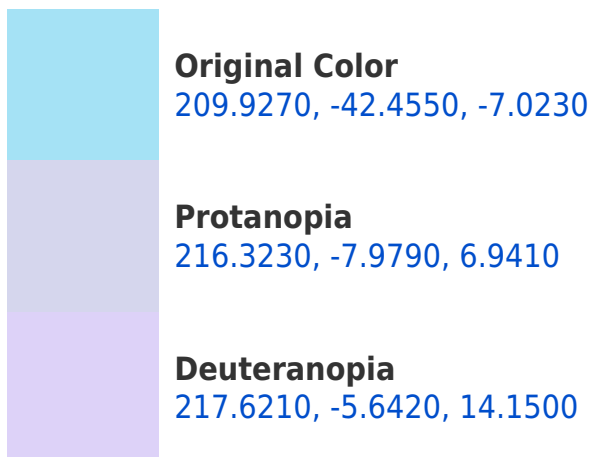
This preview shows how white text looks on a background with the YIQ color 209.9270, -42.4550, -7.0230.

-7.0230.

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

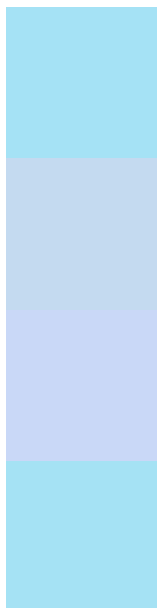




Tritanopia

209.8130, -42.1340, -7.3340

Trichromacy



Original Color

209.9270, -42.4550, -7.0230

Protanomaly

213.9300, -20.1740, 2.1780

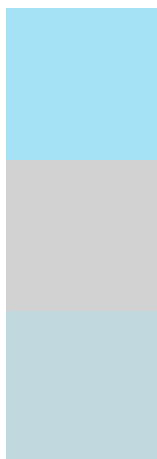
Deuteranomaly

215.0490, -18.8910, 6.4610

Tritanomaly

209.8130, -42.1340, -7.3340

Monochromacy



Original Color

209.9270, -42.4550, -7.0230

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2200, -15.3590, -2.4870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.9270, -42.4550, -7.0230 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(165, 226, 245)` looks like.

```
.text, #text, p{  
    color:rgb(165, 226, 245)  
}
```

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(165, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 226, 245) }
```

Border

The CSS property to change the border of an element to YIQ 209.9270, -42.4550, -7.0230 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(165, 226, 245) }
```


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

```
.border{ border-color:rgb(165, 226, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 226, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(165, 226,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 209.9270, -42.4550, -7.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 226, 245) }
```

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

```
.background{ background-color: rgb(165,  
226, 245) }
```

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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