

Converting Colors

YIQ(218.5100, -36.9070,
-8.4510)

Have a look what the booklet for
YIQ(218.5100, -36.9070, -8.4510)
contains.

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Color

**YIQ(218.5100, -36.9070,
-8.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	B2EAF5
RGB	178, 234, 245
RGB Percent	70%, 92%, 96%
CMY	0.3021, 0.0822, 0.0394
CMYK	0.27, 0.04, 0.00, 0.04
HSL	190°, 77%, 83%
HSV	190°, 27%, 96%
XYZ	64.2576, 74.9104, 97.4270
YIQ	218.5100, -36.9070, -8.4510

Conversions

Conversions Part 2

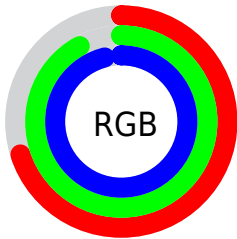
Format	Color
R _Y B	178, 209, 245
Decimal	11725557
CIE Lab	89.35, -15.27, -11.08
CIE LCh	89, 18.866, 215.982
Yxy	74.9104, 0.2716, 0.3166
Android (android.graphics.Color)	4289915637 (0xFFB2EAF5)
YUV	218.5100, 13.0596, -35.5273
Hunter-Lab	86.5508, -18.9407, -6.1550

Details

The YIQ color $218.5100, -36.9070, -8.4510$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $204.4900, 36.9070, 8.4510$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, -11.9200, -4.2400$, and $162.8090, -36.3110, -8.2390$ is the 20% darker color. If you saturate the color by 10%, you get $208.6870, -50.7070, -11.6590$, and if you desaturate by 10%, it is $228.0340, -23.7030, -5.4550$.

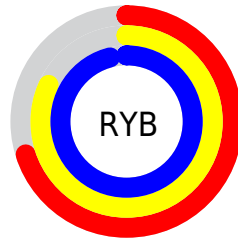
Distribution



Red (70%)

Green (92%)

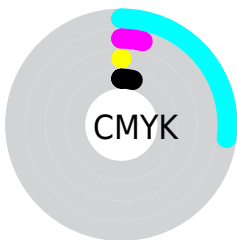
Blue (96%)



Red (70%)

Yellow (82%)

Blue (96%)

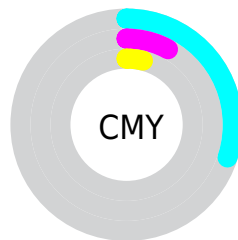


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (8%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.5100, -36.9070, -8.4510 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 218.5100, -36.9070, -8.4510 by changing the saturation by 10% instead.

■ 218.5100,
-36.9070, -8.4510

■ 218.5100,
-36.9070, -8.4510

■ 255.0000, -0.0000,
-0.0000

■ 190.5100,
-36.9070, -8.4510

■ 249.0200,
-11.9200, -4.2400

■ 162.8090,
-36.3110, -8.2390

■ 136.1080,
-35.7150, -8.0270

■ 109.9940,
-35.3940, -8.3380

■ 84.3960, -36.5860,
-8.7620

■ 58.3030, -40.7580,
-10.2460

■ 38.2930, -34.7980,

-8.1260

■ 23.4580, -21.9610,
-3.9850

■ 2.9810, -7.0160,
6.0080

■ 218.5100,
-36.9070, -8.4510

■ 218.5100,
-36.9070, -8.4510

■ 208.6870,
-50.7070, -11.6590

■ 228.0340,
-23.7030, -5.4550

■ 199.1630,
-63.9110, -14.6550

■ 237.8570, -9.9030,
-2.2470

■ 189.3400,
-77.7110, -17.8630

■ 247.3810, 3.3010,
0.7490

■ 179.8160,
-90.9150, -20.8590

■ 250.9250, 4.5850,
-0.4950

■ 169.9930,
-104.7150, -24.0670

■ 253.2730, 3.4850,
-2.5870

■ 160.4690,
-117.9190, -27.0630

■ 253.8600, 3.2100,
-3.1100

■ 150.6460,
-131.7190, -30.2710

■ 148.2650,
-135.0200, -31.0200

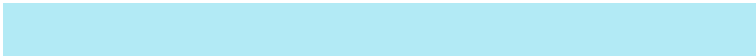
Harmonies

Analogous

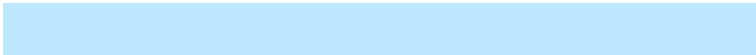
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.0560, -29.9370, -13.6250



218.5100, -36.9070, -8.4510



220.5910, -32.4610, -0.9170

Triad

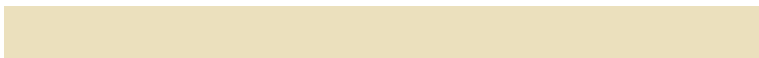
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.5100, -36.9070, -8.4510



228.0270, 13.7060, 15.9300



223.2990, 17.7910, -8.5530

Complementary

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



218.5100, -36.9070, -8.4510



204.4900, 36.9070, 8.4510

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.



225.7890, 28.3350, -1.4010



218.5100, -36.9070, -8.4510



225.8830, 22.7390, 11.9150

Square

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



218.5100, -36.9070, -8.4510



226.8770, -3.4870, 13.6410



225.1190, 27.6460, 5.5820



221.5250, 2.2950, -14.0650

Rectangle

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



218.5100, -36.9070, -8.4510



222.7170, -23.8880, 3.4080



225.1190, 27.6460, 5.5820



223.9190, 21.9170, -6.2350

Sweetspot

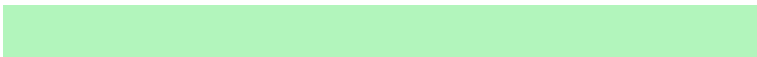
The Sweet Spot groups the original color and five complimentary colors.



218.5100, -36.9070, -8.4510



247.2590, -11.0950, -2.6710



218.4690, -21.6350, -31.9310



122.3520, -6.9230, -1.1870



0.0000, 0.0000, 0.0000



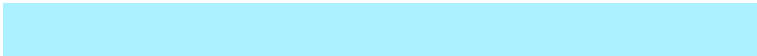
128.0000, -0.0000, -0.0000

Same Dimension

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



218.5100, -36.9070, -8.4510



221.6660, -46.2140, -10.4860



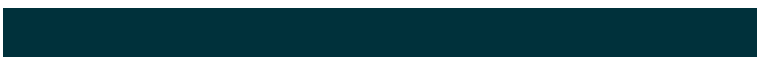
199.1390, -27.8320, 8.8080



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.



204.4170, 21.9560, 31.6200



204.0960, 27.5940, 39.5780



223.8610, 27.8320, -8.8080



114.7280, 3.9420, 5.6540



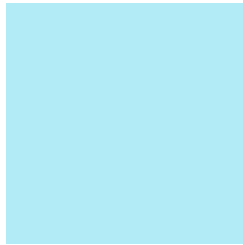
73.3980, 60.7800, 87.9480



23.2270, 19.4350, 27.7470

Previews

White Background



This preview shows how the YIQ color 218.5100, -36.9070, -8.4510 looks on a white background.

Color Contrast Check

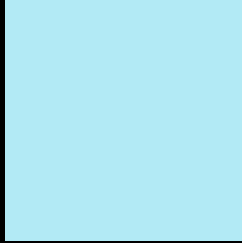
Large Text (above 18pt) WCAG AA × Fail

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 218.5100, -36.9070, -8.4510 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 218.5100, -36.9070, -8.4510

Background



This preview shows how black text looks on a background with the YIQ color 218.5100, -36.9070, -8.4510.



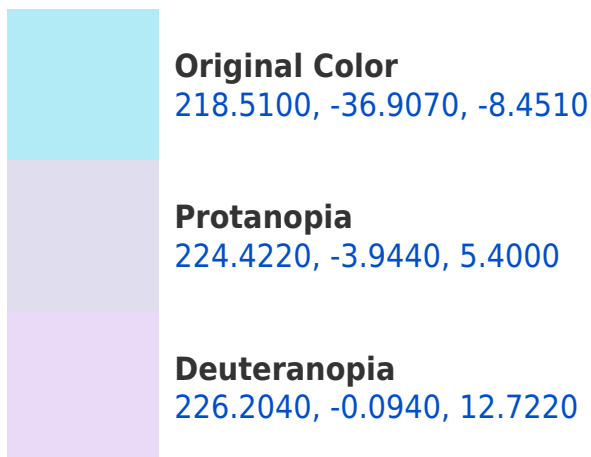
This preview shows how white text looks on a background with the YIQ color 218.5100, -36.9070, -8.4510.

-8.4510.

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

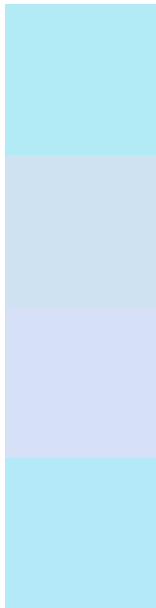




Tritanopia

219.0200, -38.2830, -5.5390

Trichromacy



Original Color

218.5100, -36.9070, -8.4510

Protanomaly

222.0290, -16.1390, 0.6370

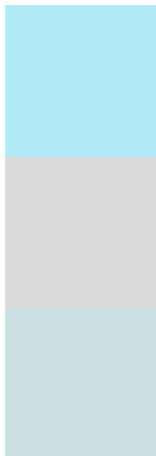
Deuteranomaly

223.6320, -13.3430, 5.0330

Tritanomaly

218.6780, -37.3200, -6.4720

Monochromacy



Original Color

218.5100, -36.9070, -8.4510

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.4760, -13.2040, -2.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.5100, -36.9070, -8.4510 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(178, 234, 245)` looks like.

```
.text, #text, p{  
    color:rgb(178, 234, 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(178, 234, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 234, 245) }
```

Border

The CSS property to change the border of an element to YIQ 218.5100, -36.9070, -8.4510 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(178, 234, 245) }
```


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

```
.border{ border-color:rgb(178, 234, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 234, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(178, 234,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 218.5100, -36.9070, -8.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 234, 245) }
```

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

```
.background{ background-color: rgb(178,  
234, 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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