

Converting Colors

YIQ(214.8510, -45.2970,
-10.5850)

Have a look what the booklet for
YIQ(214.8510, -45.2970, -10.5850)
contains.

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Color

**YIQ(214.8510, -45.2970,
-10.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	A5EAF7
RGB	165, 234, 247
RGB Percent	65%, 92%, 97%
CMY	0.3531, 0.0822, 0.0316
CMYK	0.33, 0.05, 0.00, 0.03
HSL	189°, 84%, 81%
HSV	189°, 33%, 97%
XYZ	61.7209, 73.5697, 98.9039
YIQ	214.8510, -45.2970, -10.5850

Conversions

Conversions Part 2

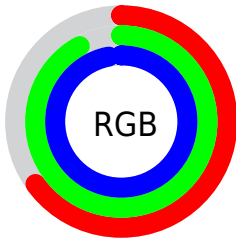
Format	Color
RYB	165, 202, 247
Decimal	10873591
CIELab	88.72, -18.39, -13.14
CIElCh	89, 22.607, 215.549
Yxy	73.5697, 0.2635, 0.3141
Android (android.graphics.Color)	4289063671 (0xFFA5EAF7)
YUV	214.8510, 15.8495, -43.7193
Hunter-Lab	85.7728, -21.6562, -8.3259

Details

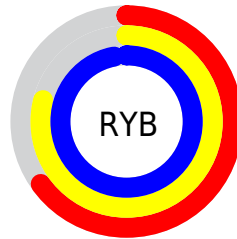
The YIQ color **214.8510, -45.2970, -10.5850** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.1490, 45.2970, 10.5850**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.1330, -19.6680, -6.9960**, and **159.1500, -44.7010, -10.3730** is the 20% darker color. If you saturate the color by 10%, you get **205.0280, -59.0970, -13.7930**, and if you desaturate by 10%, it is **224.6740, -31.4970, -7.3770**.

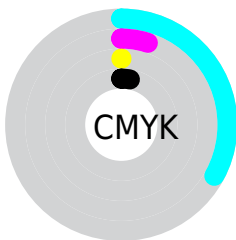
Distribution



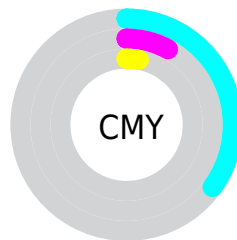
- Red (65%)
- Green (92%)
- Blue (97%)



- Red (65%)
- Yellow (79%)
- Blue (97%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.8510, -45.2970, -10.5850 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 214.8510, -45.2970, -10.5850 by changing the saturation by 10% instead.

■ 214.8510,
-45.2970, -10.5850

■ 214.8510,
-45.2970, -10.5850

■ 255.0000, -0.0000,
-0.0000

■ 186.7370,
-44.9760, -10.8960

■ 245.1330,
-19.6680, -6.9960

■ 159.1500,
-44.7010, -10.3730

■ 254.1030, -1.7880,
-0.6360

■ 131.8510,
-45.2970, -10.5850

■ 105.1390,
-46.1680, -11.3200

■ 78.0460, -50.3400,
-12.8040

■ 54.5300, -48.8270,
-12.6910

■ 38.4070, -35.1190,

-7.8150

■ 23.5720, -22.2820,
-3.6740

■ 3.0950, -7.3370,
6.3190

■ 214.8510,
-45.2970, -10.5850

■ 214.8510,
-45.2970, -10.5850

■ 205.0280,
-59.0970, -13.7930

■ 224.6740,
-31.4970, -7.3770

■ 195.5040,
-72.3010, -16.7890

■ 234.1980,
-18.2930, -4.3810

■ 185.6810,
-86.1010, -19.9970

■ 244.0210, -4.4930,
-1.1730

■ 175.8580,
-99.9010, -23.2050

■ 251.1530, 3.9430,
0.1270

■ 166.6220,
-113.9760, -26.9360

■ 252.9140, 3.1180,
-1.4420

■ 157.0980,
-127.1800, -29.9320

■ 254.0880, 2.5680,
-2.4880

■ 150.2540,
-136.4870, -31.9670

Harmonies

Analogous

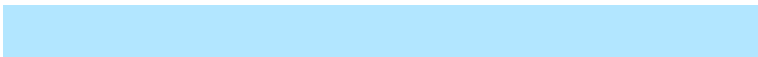
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.2400, -36.4470, -16.7910



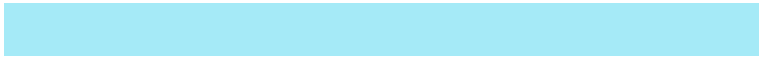
214.8510, -45.2970, -10.5850



217.3020, -39.0170, -3.2490

Triad

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



214.8510, -45.2970, -10.5850



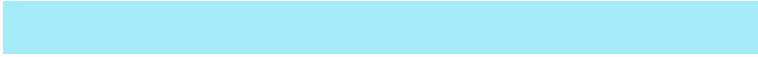
226.6900, 16.2730, 18.9690



221.6860, 20.9550, -10.8290

Complementary

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



214.8510, -45.2970, -10.5850



197.1490, 45.2970, 10.5850

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.



223.4260, 33.7910, -1.1610



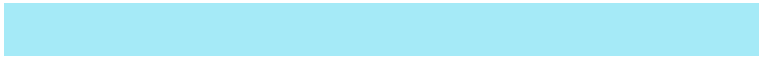
214.8510, -45.2970, -10.5850



223.3070, 24.4810, 13.3850

Square

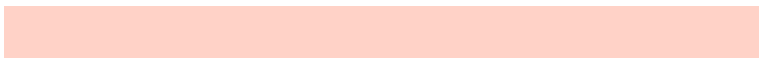
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.8510, -45.2970, -10.5850



225.2300, -2.9830, 15.5210



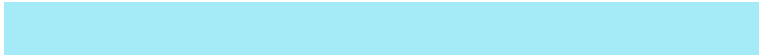
222.2010, 30.3510, 6.1190



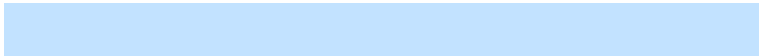
218.8300, 2.7540, -16.8780

Rectangle

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



214.8510, -45.2970, -10.5850



219.7380, -28.3810, 2.2350



222.2010, 30.3510, 6.1190



222.3170, 26.5480, -7.5640

Sweetspot

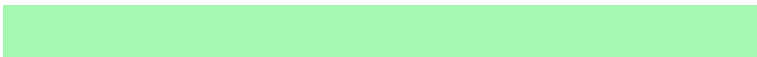
The Sweet Spot groups the original color and five complimentary colors.



214.8510, -45.2970, -10.5850



245.1770, -13.8000, -3.2080



214.5020, -26.4020, -39.1540



121.4550, -8.7110, -1.8230



0.0000, 0.0000, 0.0000



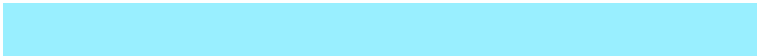
128.0000, -0.0000, -0.0000

Same Dimension

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



214.8510, -45.2970, -10.5850



215.1100, -56.3920, -13.2560



191.3710, -34.2970, 10.3350



117.2380, -6.6020, -1.4980



113.3630, -102.8810, -24.2650



35.4890, -32.4140, -7.2780

Inverse Universe

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



197.3840, 26.7230, 38.8430



193.3020, 33.1860, 48.3700



220.6290, 34.2970, -10.3350



114.7280, 3.9420, 5.6540



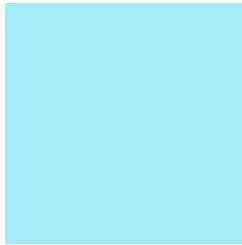
73.5120, 60.4590, 88.2590



23.2270, 19.4350, 27.7470

Previews

White Background



This preview shows how the YIQ color 214.8510, -45.2970, -10.5850 looks on a white background.

Color Contrast Check

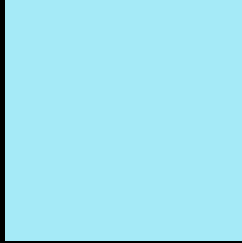
Large Text (above 18pt) WCAG AA × Fail

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 214.8510, -45.2970, -10.5850 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 214.8510, -45.2970, -10.5850 Background



This preview shows how black text looks on a background with the YIQ color 214.8510, -45.2970, -10.5850.



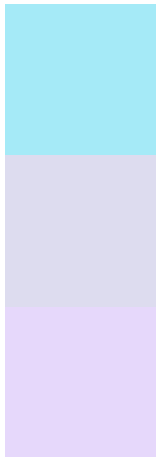
This preview shows how white text looks on a background with the YIQ color 214.8510, -45.2970, -10.5850.

-10.5850.

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

214.8510, -45.2970, -10.5850

Protanopia

222.4650, -5.5030, 6.1210

Deuteranopia

224.1760, -2.8910, 13.8530



Tritanopia

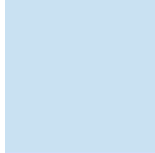
215.1330, -46.0310, -8.2950

Trichromacy



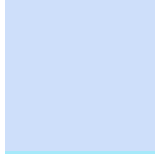
Original Color

214.8510, -45.2970, -10.5850



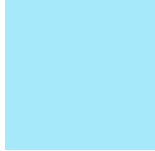
Protanomaly

219.7620, -19.7610, 0.1990



Deuteranomaly

220.9950, -18.7990, 4.7930



Tritanomaly

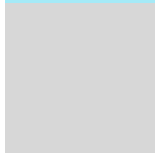
214.9050, -45.3890, -8.9170

Monochromacy



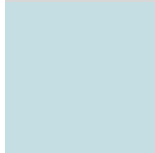
Original Color

214.8510, -45.2970, -10.5850



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.0950, -16.5050, -3.7450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.8510, -45.2970, -10.5850 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, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(165, 234, 247)  
}
```

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, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 234, 247) }
```

Border

The CSS property to change the border of an element to YIQ 214.8510, -45.2970, -10.5850 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, 234, 247) }
```


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

```
.border{ border-color:rgb(165, 234, 247) }
```

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

Here you see how a box with a 4 pixel rgb(165, 234, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(165, 234,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 214.8510, -45.2970, -10.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 234, 247) }
```

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

```
.background{ background-color: rgb(165,  
234, 247) }
```

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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