

Converting Colors

YIQ(213.5910, -41.6290,
-10.9810)

Have a look what the booklet for
YIQ(213.5910, -41.6290, -10.9810)
contains.

YIQ(213.5910, -41.6290, -10.9810)	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(213.5910, -41.6290,
-10.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E8F1
RGB	167, 232, 241
RGB Percent	65%, 91%, 95%
CMY	0.3452, 0.0901, 0.0551
CMYK	0.31, 0.04, 0.00, 0.06
HSL	187°, 72%, 80%
HSV	187°, 31%, 94%
XYZ	60.6633, 72.2882, 93.9404
YIQ	213.5910, -41.6290, -10.9810

Conversions

Conversions Part 2

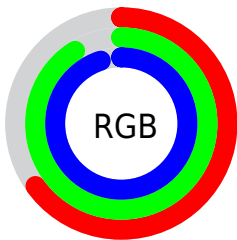
Format	Color
RYB	167, 202, 241
Decimal	11004145
CIELab	88.11, -18.24, -10.90
CIElCh	88, 21.254, 210.860
Yxy	72.2882, 0.2674, 0.3186
Android (android.graphics.Color)	4289194225 (0xFFA7E8F1)
YUV	213.5910, 13.5126, -40.8603
Hunter-Lab	85.0225, -21.4302, -5.9932

Details

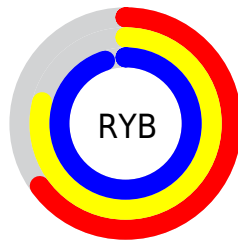
The YIQ color **213.5910, -41.6290, -10.9810** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **194.4090, 41.6290, 10.9810**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, -18.4760, -6.5720**, and **157.8900, -41.0330, -10.7690** is the 20% darker color. If you saturate the color by 10%, you get **204.6540, -55.1080, -14.5000**, and if you desaturate by 10%, it is **222.5280, -28.1500, -7.4620**.

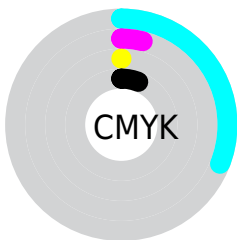
Distribution



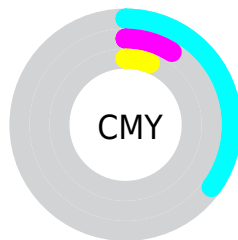
- Red (65%)
- Green (91%)
- Blue (95%)



- Red (65%)
- Yellow (79%)
- Blue (95%)



- Cyan (31%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (35%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5910, -41.6290, -10.9810 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 213.5910, -41.6290, -10.9810 by changing the saturation by 10% instead.

■ 213.5910,
-41.6290, -10.9810

■ 213.5910,
-41.6290, -10.9810

■ 255.0000, -0.0000,
-0.0000

■ 185.5910,
-41.6290, -10.9810

■ 245.7310,
-18.4760, -6.5720

■ 157.8900,
-41.0330, -10.7690

■ 254.4020, -1.1920,
-0.4240

■ 131.4770,
-41.3080, -11.2920

■ 105.1780,
-41.9040, -11.5040

■ 78.9820, -44.2880,
-12.3520

■ 53.4870, -47.2680,
-13.4120

■ 37.2500, -33.2390,

-8.8470

■ 22.5290, -20.7230,
-4.3950

■ 2.5250, -5.7320,
4.7640

■ 213.5910,
-41.6290, -10.9810

■ 213.5910,
-41.6290, -10.9810

■ 204.6540,
-55.1080, -14.5000

■ 222.5280,
-28.1500, -7.4620

■ 195.7170,
-68.5870, -18.0190

■ 231.4650,
-14.6710, -3.9430

■ 186.7800,
-82.0660, -21.5380

■ 240.4020, -1.1920,
-0.4240

■ 177.8430,
-95.5450, -25.0570

■ 246.9470, 7.5190,
1.3990

■ 168.6070,
-109.6200, -28.7880

■ 248.7080, 6.6940,
-0.1700

■ 160.2570,
-123.3740, -32.8300

■ 249.8820, 6.1440,
-1.2160

■ 151.9180,
-135.6610, -35.9250

■ 251.6430, 5.3190,
-2.7850

■ 253.4040, 4.4940,
-4.3540

Harmonies

Analogous

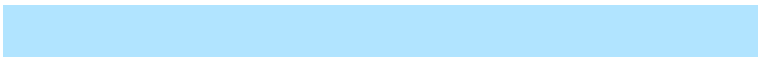
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.6920, -31.9080, -16.4520



213.5910, -41.6290, -10.9810



215.8290, -39.0630, -2.4150

Triad

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



213.5910, -41.6290, -10.9810



224.8960, 12.6970, 17.6970



220.3380, 22.0550, -8.7370

Complementary

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



213.5910, -41.6290, -10.9810



194.4090, 41.6290, 10.9810

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.



222.1810, 33.1030, 0.2950



213.5910, -41.6290, -10.9810



222.9480, 24.1140, 14.5300

Square

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



213.5910, -41.6290, -10.9810



223.4360, -6.5590, 14.2490



221.2550, 30.2590, 7.7870



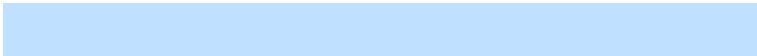
217.8520, 5.6880, -14.9840

Rectangle

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



213.5910, -41.6290, -10.9810



218.2540, -29.8940, 2.1220



221.2550, 30.2590, 7.7870



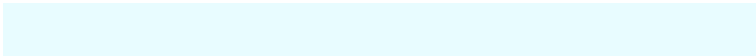
221.2570, 26.7770, -6.2070

Sweetspot

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



213.5910, -41.6290, -10.9810



246.3620, -12.8830, -3.3070



211.4640, -23.2390, -35.9030



122.3410, -8.3900, -2.1340



0.0000, 0.0000, 0.0000



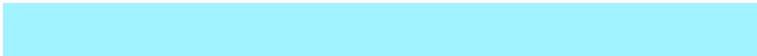
128.0000, -0.0000, -0.0000

Same Dimension

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



213.5910, -41.6290, -10.9810



220.4370, -52.9990, -14.1750



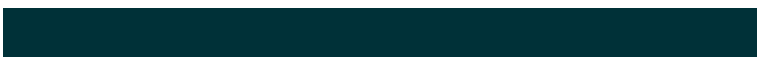
191.8720, -31.4540, 8.3700



115.2380, -6.6020, -1.4980



115.4830, -103.3390, -26.9790



35.1470, -31.4510, -8.2110

Inverse Universe

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



196.5360, 23.2390, 35.9030



198.5680, 29.3810, 45.7410



216.1280, 31.4540, -8.3700



112.7280, 3.9420, 5.6540



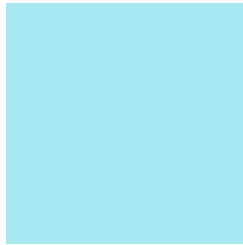
73.3700, 57.9830, 89.0790



22.3300, 17.6470, 27.1110

Previews

White Background



This preview shows how the YIQ color 213.5910, -41.6290, -10.9810 looks on a white background.

Color Contrast Check

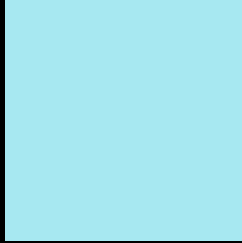
Large Text (above 18pt) WCAG AA × Fail

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 213.5910, -41.6290, -10.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

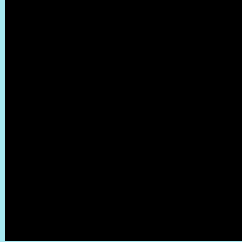
Any Text WCAG AA ✓ Pass

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 213.5910, -41.6290, -10.9810 Background



This preview shows how black text looks on a background with the YIQ color 213.5910, -41.6290, -10.9810.



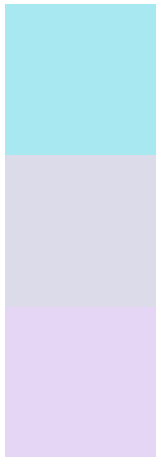
This preview shows how white text looks on a background with the YIQ color 213.5910, -41.6290, -10.9810.

-10.9810.

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

213.5910, -41.6290, -10.9810

Protanopia

220.8950, -3.8980, 4.5660

Deuteranopia

222.3180, -0.4150, 13.0330



Tritanopia

214.5140, -42.7300, -7.5460

Trichromacy



Original Color

213.5910, -41.6290, -10.9810

Protanomaly

218.4910, -17.5600, -1.1440

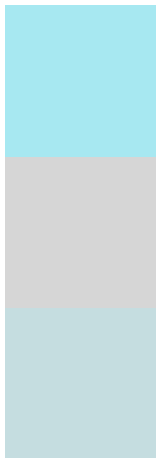
Deuteranomaly

219.4360, -15.7270, 4.1850

Tritanomaly

213.8730, -42.3630, -8.6910

Monochromacy



Original Color

213.5910, -41.6290, -10.9810

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1660, -15.2670, -4.1550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5910, -41.6290, -10.9810 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(167, 232, 241)` looks like.

```
.text, #text, p{  
    color:rgb(167, 232, 241)  
}
```

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(167, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 232, 241) }
```

Border

The CSS property to change the border of an element to YIQ 213.5910, -41.6290, -10.9810 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(167, 232, 241) }
```


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

```
.border{ border-color:rgb(167, 232, 241) }
```

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

Here you see how a box with a 4 pixel rgb(167, 232, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(167, 232,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5910, -41.6290, -10.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 232, 241) }
```

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

```
.background{ background-color: rgb(167,  
232, 241) }
```

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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