

Converting Colors

YIQ(212.9150, -51.3490,
-11.0370)

Have a look what the booklet for
YIQ(212.9150, -51.3490, -11.0370)
contains.

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Color

**YIQ(212.9150, -51.3490,
-11.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	9DEAFB
RGB	157, 234, 251
RGB Percent	62%, 92%, 98%
CMY	0.3845, 0.0822, 0.0159
CMYK	0.37, 0.07, 0.00, 0.02
HSL	191°, 92%, 80%
HSV	191°, 37%, 98%
XYZ	60.7320, 72.9893, 102.1085
YIQ	212.9150, -51.3490, -11.0370

Conversions

Conversions Part 2

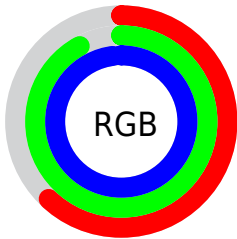
Format	Color
RYB	157, 199, 251
Decimal	10349307
CIELab	88.44, -19.53, -15.69
CIELCh	88, 25.050, 218.779
Yxy	72.9893, 0.2575, 0.3095
Android (android.graphics.Color)	4288539387 (0xFF9DEAFB)
YUV	212.9150, 18.7759, -49.0375
Hunter-Lab	85.4338, -22.6196, -11.0584

Details

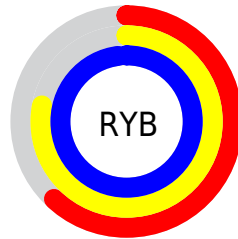
The YIQ color **212.9150, -51.3490, -11.0370** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **195.0850, 51.3490, 11.0370**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, -23.8400, -8.4800**, and **156.8010, -51.0280, -11.3480** is the 20% darker color. If you saturate the color by 10%, you get **203.0920, -65.1490, -14.2450**, and if you desaturate by 10%, it is **223.3250, -37.8240, -8.3520**.

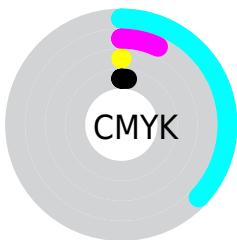
Distribution



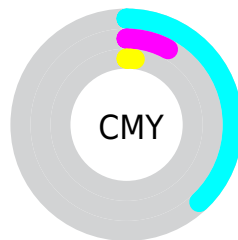
- Red (62%)
- Green (92%)
- Blue (98%)



- Red (62%)
- Yellow (78%)
- Blue (98%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9150, -51.3490, -11.0370 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 212.9150, -51.3490, -11.0370 by changing the saturation by 10% instead.

212.9150,
-51.3490, -11.0370

212.9150,
-51.3490, -11.0370

255.0000, -0.0000,
-0.0000

184.8010,
-51.0280, -11.3480

243.0400,
-23.8400, -8.4800

156.8010,
-51.0280, -11.3480

251.7110, -6.5560,
-2.3320

129.2030,
-52.2200, -11.7720

101.7080,
-55.2000, -12.8320

71.8100, -64.4150,
-16.5350

54.9860, -50.1110,
-11.4470

38.7490, -36.0820,

-6.8820

■ 23.9140, -23.2450,
-2.7410

■ 3.4370, -8.3000,
7.2520

■ 212.9150,
-51.3490, -11.0370

■ 212.9150,
-51.3490, -11.0370

■ 203.0920,
-65.1490, -14.2450

■ 223.3250,
-37.8240, -8.3520

■ 192.6820,
-78.6740, -16.9300

■ 233.1480,
-24.0240, -5.1440

■ 182.2720,
-92.1990, -19.6150

■ 243.5580,
-10.4990, -2.4590

■ 172.4490,
-105.9990, -22.8230

■ 252.7830, 2.1090,
0.3250

■ 161.7400, 254.5440, 1.2840,
-120.1200, -25.7200 -1.2440

■ 151.9170,
-133.9200, -28.9280

■ 149.5360,
-137.2210, -29.6770

Harmonies

Analogous

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



212.3640, -42.7280, -18.6000



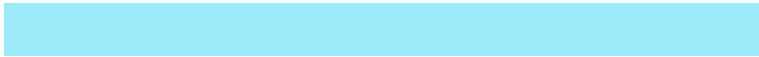
212.9150, -51.3490, -11.0370



215.5190, -41.1260, -3.5740

Triad

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



212.9150, -51.3490, -11.0370



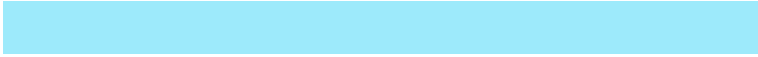
225.1140, 18.0150, 20.4390



220.5180, 21.3680, -12.8080

Complementary

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



212.9150, -51.3490, -11.0370



195.0850, 51.3490, 11.0370

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.



222.7420, 35.7170, -3.0270



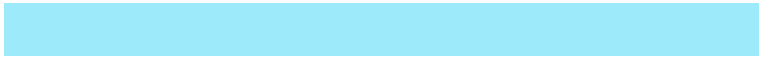
212.9150, -51.3490, -11.0370



221.2040, 26.2690, 14.0210

Square

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



212.9150, -51.3490, -11.0370



224.9530, -0.6450, 17.2030



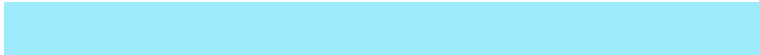
220.3430, 32.8270, 5.2990



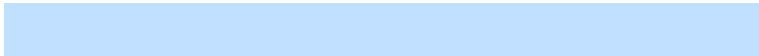
217.5800, 0.4620, -19.3940

Rectangle

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



212.9150, -51.3490, -11.0370



218.2650, -28.4270, 3.0690



220.3430, 32.8270, 5.2990



221.0350, 27.2820, -9.8540

Sweetspot

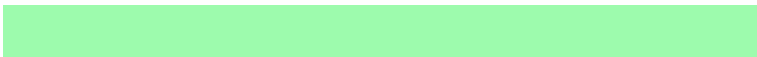
The Sweet Spot groups the original color and five complimentary colors.



212.9150, -51.3490, -11.0370



243.6930, -15.3130, -3.3210



214.0020, -30.9860, -44.1860



121.1560, -9.3070, -2.0350



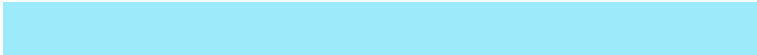
0.0000, 0.0000, 0.0000



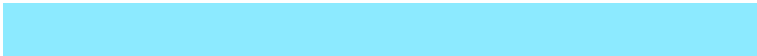
128.0000, -0.0000, -0.0000

Same Dimension

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



212.9150, -51.3490, -11.0370



208.2880, -62.7650, -13.3970



185.9130, -38.6990, 13.0210



119.9390, -7.1980, -1.7100



112.5310, -103.2940, -22.2860



36.3040, -33.3310, -7.1790

Inverse Universe

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



193.8840, 31.3070, 43.8750



185.1010, 38.3660, 53.6140



222.0870, 38.6990, -13.0210



117.1410, 4.2170, 6.1770



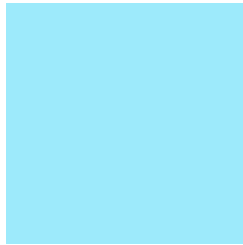
74.1810, 62.8890, 88.2730



23.9390, 20.3060, 28.4820

Previews

White Background



This preview shows how the YIQ color 212.9150, -51.3490, -11.0370 looks on a white background.

Color Contrast Check

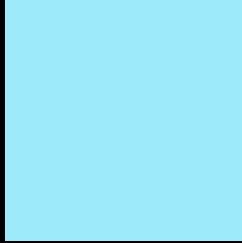
Large Text (above 18pt) WCAG AA × Fail

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 212.9150, -51.3490, -11.0370 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 212.9150, -51.3490, -11.0370 Background



This preview shows how black text looks on a background with the YIQ color 212.9150, -51.3490, -11.0370.



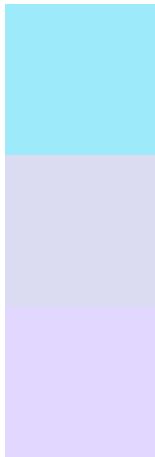
This preview shows how white text looks on a background with the YIQ color 212.9150, -51.3490, -11.0370.

-11.0370.

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

212.9150, -51.3490, -11.0370

Protanopia

222.2090, -7.6580, 6.6300

Deuteranopia

223.4360, -6.5590, 14.2490



Tritanopia

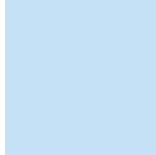
213.1430, -51.9910, -10.4150

Trichromacy



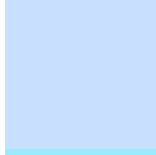
Original Color

212.9150, -51.3490, -11.0370



Protanomaly

218.6090, -23.7040, 0.0720



Deuteranomaly

219.9560, -23.0630, 4.9770



Tritanomaly

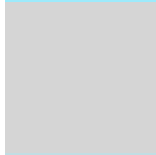
213.0290, -51.6700, -10.7260

Monochromacy



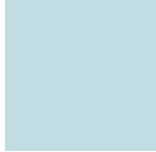
Original Color

212.9150, -51.3490, -11.0370



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

213.3120, -18.6140, -4.0700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9150, -51.3490, -11.0370 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(157, 234, 251)` looks like.

```
.text, #text, p{  
    color:rgb(157, 234, 251)  
}
```

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(157, 234, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 234, 251) }
```

Border

The CSS property to change the border of an element to YIQ 212.9150, -51.3490, -11.0370 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(157, 234, 251) }
```


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

```
.border{ border-color:rgb(157, 234, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 234, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 234, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 234, 251);  
box-shadow:4px 4px 4px 4px rgb(157, 234,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9150, -51.3490, -11.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 234, 251) }
```

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

```
.background{ background-color: rgb(157,  
234, 251) }
```

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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