

Converting Colors

YIQ(212.1090, -63.8190,
-16.3230)

Have a look what the booklet for
YIQ(212.1090, -63.8190, -16.3230)
contains.

YIQ(212.1090, -63.8190, -16.3230)	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(212.1090, -63.8190,
-16.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF0FF
RGB	141, 240, 255
RGB Percent	55%, 94%, 100%
CMY	0.4473, 0.0586, 0.0003
CMYK	0.45, 0.06, 0.00, 0.00
HSL	188°, 100%, 78%
HSV	188°, 45%, 100%
XYZ	60.1862, 75.2180, 105.8971
YIQ	212.1090, -63.8190, -16.3230

Conversions

Conversions Part 2

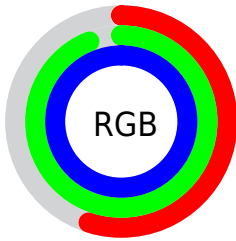
Format	Color
RYB	141, 194, 255
Decimal	9302271
CIELab	89.50, -25.36, -16.27
CIELCh	89, 30.128, 212.679
Yxy	75.2180, 0.2494, 0.3117
Android (android.graphics.Color)	4287492351 (0xFF8DF0FF)
YUV	212.1090, 21.1453, -62.3626
Hunter-Lab	86.7283, -27.9023, -11.6845

Details

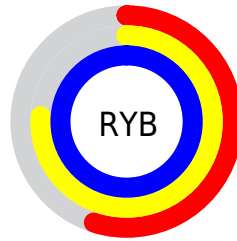
The YIQ color **212.1090, -63.8190, -16.3230** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **183.8910, 63.8190, 16.3230**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.5550, -32.7800, -11.6600**, and **154.7990, -65.8820, -17.4820** is the 20% darker color. If you saturate the color by 10%, you get **202.5740, -78.4900, -20.2660**, and if you desaturate by 10%, it is **221.3450, -49.7440, -12.5920**.

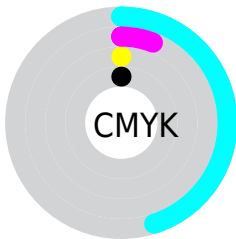
Distribution



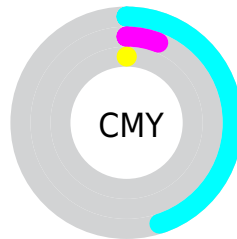
- Red (55%)
- Green (94%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.1090, -63.8190, -16.3230 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 212.1090, -63.8190, -16.3230 by changing the saturation by 10% instead.

212.1090,
-63.8190, -16.3230

212.1090,
-63.8190, -16.3230

255.0000, -0.0000,
-0.0000

183.6960,
-64.0940, -16.8460

238.5550,
-32.7800, -11.6600

154.7990,
-65.8820, -17.4820

247.5250,
-14.9000, -5.3000

125.7060,
-70.0540, -18.9660

92.7260, -81.9740,
-23.2060

75.2010, -67.0740,
-17.9060

58.2630, -52.4490,
-13.1290

41.4390, -38.1450,

-8.0410

■ 26.6040, -25.3080,
-3.9000

■ 3.7790, -9.2630,
8.1850

■ 212.1090,
-63.8190, -16.3230

■ 212.1090,
-63.8190, -16.3230

■ 202.5740,
-78.4900, -20.2660

■ 221.3450,
-49.7440, -12.5920

■ 192.7510,
-92.2900, -23.4740

■ 231.4670,
-35.3480, -9.1720

■ 183.2160,
-106.9610, -27.4170

■ 240.7030,
-21.2730, -5.4410

■ 173.9800,
-121.0360, -31.1480

■ 250.2380, -6.6020,
-1.4980

■ 163.8580,
-135.4320, -34.5680

255.0000, -0.0000,
-0.0000

■ 159.3840,
-142.9050, -36.8010

Harmonies

Analogous

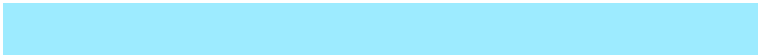
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.7930, -48.5500, -23.2220



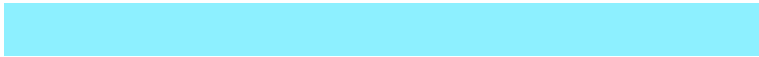
212.1090, -63.8190, -16.3230



213.9580, -52.9080, -10.3160

Triad

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



212.1090, -63.8190, -16.3230



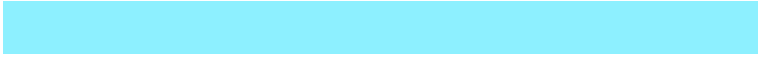
227.0690, 13.8880, 23.6480



223.5960, 29.8960, -13.1760

Complementary

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



212.1090, -63.8190, -16.3230



183.8910, 63.8190, 16.3230

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.



221.8130, 36.9550, -3.4370



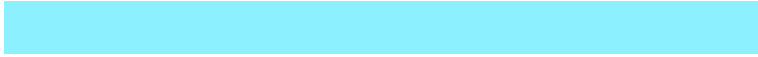
212.1090, -63.8190, -16.3230



221.4150, 24.2970, 16.7210

Square

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



212.1090, -63.8190, -16.3230



226.1160, -2.6620, 15.2100



219.9840, 32.4600, 6.4440



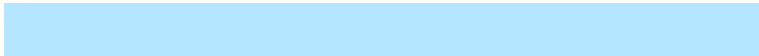
220.2230, 5.7810, -22.1790

Rectangle

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



212.1090, -63.8190, -16.3230



217.9000, -37.8250, -2.8250



219.9840, 32.4600, 6.4440



224.5260, 36.0850, -9.6990

Sweetspot

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



212.1090, -63.8190, -16.3230



242.7850, -18.5680, -4.9040



209.4000, -35.5230, -55.5790



119.9600, -11.6910, -2.8830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

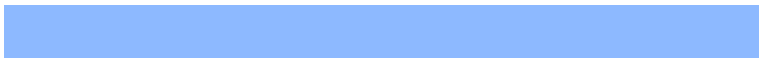
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.1090, -63.8190, -16.3230



203.1720, -77.2980, -19.8420



179.8240, -48.6940, 12.4420



122.9390, -7.1980, -1.7100



119.2160, -106.9610, -27.4170



39.5810, -35.6690, -8.8610

Inverse Universe

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



186.3720, 36.1650, 54.9570



171.9420, 43.7280, 66.5760



216.1760, 48.6940, -12.4420



120.1410, 4.2170, 6.1770



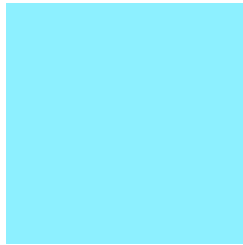
76.0330, 60.5500, 92.1180



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 212.1090, -63.8190, -16.3230 looks on a white background.

Color Contrast Check

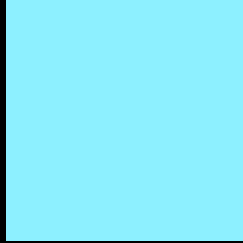
Large Text (above 18pt) WCAG AA × Fail

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 212.1090, -63.8190, -16.3230 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 212.1090, -63.8190, -16.3230 Background



This preview shows how black text looks on a background with the YIQ color 212.1090, -63.8190, -16.3230.



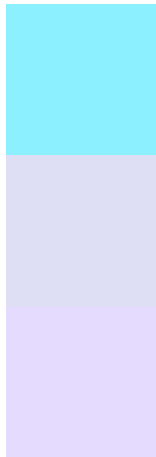
This preview shows how white text looks on a background with the YIQ color 212.1090, -63.8190, -16.3230.

-16.3230.

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

212.1090, -63.8190, -16.3230

Protanopia

224.5080, -7.0620, 6.8420

Deuteranopia

225.7950, -6.1920, 13.1040



Tritanopia

214.8220, -55.5210, -12.5210

Trichromacy



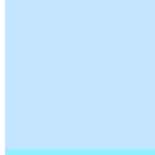
Original Color

212.1090, -63.8190, -16.3230



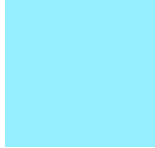
Protanomaly

220.4020, -27.5550, -1.7230



Deuteranomaly

220.9230, -27.4640, 2.1360



Tritanomaly

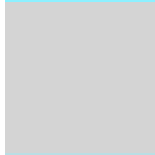
213.9140, -58.7760, -14.1040

Monochromacy



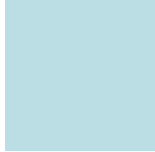
Original Color

212.1090, -63.8190, -16.3230



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

211.9200, -23.3820, -5.7660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.1090, -63.8190, -16.3230 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(141, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 240, 255)  
}
```

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(141, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 240, 255) }
```

Border

The CSS property to change the border of an element to YIQ 212.1090, -63.8190, -16.3230 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(141, 240, 255) }
```


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

```
.border{ border-color:rgb(141, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 212.1090, -63.8190, -16.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 240, 255) }
```

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

```
.background{ background-color: rgb(141,  
240, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor