

Converting Colors

YIQ(212.5060, -66.6150,
-20.7190)

Have a look what the booklet for
YIQ(212.5060, -66.6150, -20.7190)
contains.

YIQ(212.5060, -66.6150, -20.7190)	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(212.5060, -66.6150,
-20.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	88F4FB
RGB	136, 244, 251
RGB Percent	53%, 96%, 98%
CMY	0.4669, 0.0429, 0.0159
CMYK	0.46, 0.03, 0.00, 0.02
HSL	184°, 93%, 76%
HSV	184°, 46%, 98%
XYZ	59.9090, 76.9182, 102.8991
YIQ	212.5060, -66.6150, -20.7190

Conversions

Conversions Part 2

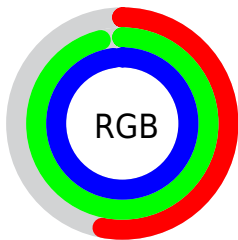
Format	Color
RYB	136, 192, 251
Decimal	8975611
CIELab	90.28, -29.42, -13.02
CIElCh	90, 32.171, 203.870
Yxy	76.9182, 0.2499, 0.3209
Android (android.graphics.Color)	4287165691 (0xFF88F4FB)
YUV	212.5060, 18.9775, -67.0958
Hunter-Lab	87.7030, -31.5490, -8.1709

Details

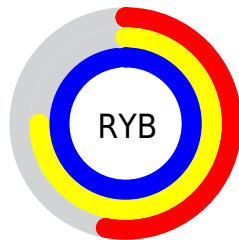
The YIQ color **212.5060, -66.6150, -20.7190** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **174.4940, 66.6150, 20.7190**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.0600, -35.7600, -12.7200**, and **154.4240, -69.3200, -21.2560** is the 20% darker color. If you saturate the color by 10%, you get **204.4440, -81.2400, -25.4960**, and if you desaturate by 10%, it is **221.1550, -52.2650, -16.4650**.

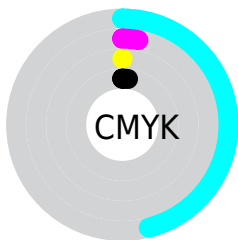
Distribution



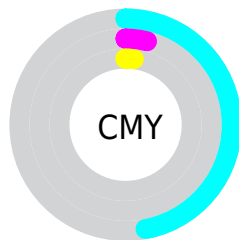
- Red (53%)
- Green (96%)
- Blue (98%)



- Red (53%)
- Yellow (75%)
- Blue (98%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (47%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5060, -66.6150, -20.7190 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 212.5060, -66.6150, -20.7190 by changing the saturation by 10% instead.

212.5060,
-66.6150, -20.7190

212.5060,
-66.6150, -20.7190

255.0000, -0.0000,
-0.0000

183.2070,
-67.2110, -20.9310

237.0600,
-35.7600, -12.7200

154.8970,
-69.2740, -22.0900

246.0300,
-17.8800, -6.3600

124.3200,
-74.9590, -23.6870

94.7320, -82.1110,
-26.2310

76.5060, -66.6150,
-20.7190

59.0950, -52.0360,
-15.1080

42.8580, -38.0070,

-10.5430

■ 27.4360, -24.8950,
-5.8790

■ 4.6110, -8.8500,
6.2060

■ 212.5060,
-66.6150, -20.7190

■ 212.5060,
-66.6150, -20.7190

■ 204.4440,
-81.2400, -25.4960

■ 221.1550,
-52.2650, -16.4650

■ 195.7950,
-95.5900, -29.7500

■ 229.2170,
-37.6400, -11.6880

■ 187.7330,
-110.2150, -34.5270

■ 237.8660,
-23.2900, -7.4340

■ 179.0840,
-124.5650, -38.7810

■ 245.9280, -8.6650,
-2.6570

■ 170.7230,
-139.7860, -43.7700

■ 252.7830, 2.1090,
0.3250

■ 167.1460,
-145.4710, -45.3670

■ 253.3700, 1.8340,
-0.1980

■ 254.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



214.6530, -45.3400, -26.3320



212.5060, -66.6150, -20.7190



213.3050, -61.4350, -15.4750

Triad

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



212.5060, -66.6150, -20.7190



229.1720, 12.1000, 23.0120



226.0700, 37.3690, -10.9430

Complementary

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



212.5060, -66.6150, -20.7190



174.4940, 66.6150, 20.7190

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.



221.6820, 35.9460, -1.6700



212.5060, -66.6150, -20.7190



223.3700, 20.1700, 19.9300

Square

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



212.5060, -66.6150, -20.7190



225.7730, -9.1260, 11.2100



220.4230, 29.8460, 9.7660



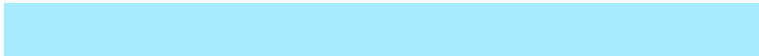
223.1270, 14.8590, -21.5010

Rectangle

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



212.5060, -66.6150, -20.7190



216.9480, -46.9480, -8.1960



220.4230, 29.8460, 9.7660



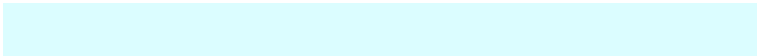
224.6510, 37.2310, -8.4410

Sweetspot

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



212.5060, -66.6150, -20.7190



243.0620, -20.9060, -6.5860



204.1890, -33.5510, -58.2790



120.2480, -12.5620, -3.6180



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.



212.5060, -66.6150, -20.7190



208.4440, -81.2400, -25.4960



179.6340, -51.2150, 8.5690



120.5260, -7.4730, -2.2330



125.4450, -109.3440, -33.7920



41.0000, -35.5310, -11.3630

Inverse Universe

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



182.6970, 33.8720, 57.9680



171.9080, 41.0680, 70.7320



207.3660, 51.2150, -8.5690



117.2550, 3.8960, 6.4880



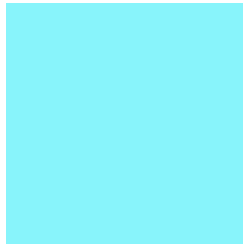
76.6890, 55.8270, 95.1150



24.8510, 17.7380, 30.9700

Previews

White Background



This preview shows how the YIQ color 212.5060, -66.6150, -20.7190 looks on a white background.

Color Contrast Check

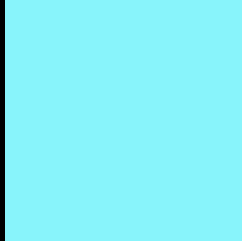
Large Text (above 18pt) WCAG AA × Fail

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 212.5060, -66.6150, -20.7190 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 212.5060, -66.6150, -20.7190 Background



This preview shows how black text looks on a background with the YIQ color 212.5060, -66.6150, -20.7190.



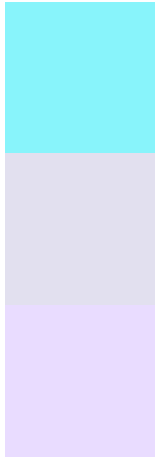
This preview shows how white text looks on a background with the YIQ color 212.5060, -66.6150, -20.7190.

-20.7190.

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

212.5060, -66.6150, -20.7190

Protanopia

226.3080, -3.6230, 5.0890

Deuteranopia

227.8770, -3.4870, 13.6410



Tritanopia

217.8010, -51.0280, -11.3480

Trichromacy



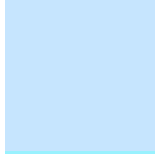
Original Color

212.5060, -66.6150, -20.7190



Protanomaly

221.0060, -26.5000, -4.3240



Deuteranomaly

222.5810, -26.5010, 1.2030



Tritanomaly

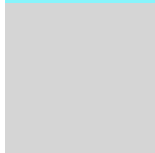
216.1700, -56.6210, -14.6130

Monochromacy



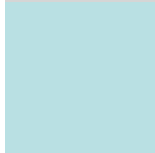
Original Color

212.5060, -66.6150, -20.7190



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

212.6810, -24.2070, -7.3350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5060, -66.6150, -20.7190 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(136, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(136, 244, 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(136, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 244, 251) }
```

Border

The CSS property to change the border of an element to YIQ 212.5060, -66.6150, -20.7190 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(136, 244, 251) }
```


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

```
.border{ border-color:rgb(136, 244, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 244, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(136, 244,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5060, -66.6150, -20.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 244, 251) }
```

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

```
.background{ background-color: rgb(136,  
244, 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](#).

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