

Converting Colors

YIQ(211.2230, -64.1400,
-16.0120)

Have a look what the booklet for
YIQ(211.2230, -64.1400, -16.0120)
contains.

YIQ(211.2230, -64.1400, -16.0120)	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(211.2230, -64.1400,
-16.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	8CEFFF
RGB	140, 239, 255
RGB Percent	55%, 94%, 100%
CMY	0.4512, 0.0626, 0.0003
CMYK	0.45, 0.06, 0.00, 0.00
HSL	188°, 100%, 77%
HSV	188°, 45%, 100%
XYZ	59.7233, 74.5435, 105.7909
YIQ	211.2230, -64.1400, -16.0120

Conversions

Conversions Part 2

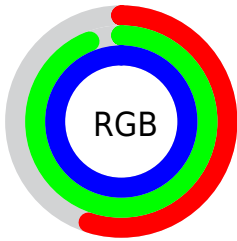
Format	Color
RYB	140, 193, 255
Decimal	9236479
CIELab	89.18, -25.10, -16.75
CIElCh	89, 30.173, 213.711
Yxy	74.5435, 0.2488, 0.3105
Android (android.graphics.Color)	4287426559 (0xFF8CEFFF)
YUV	211.2230, 21.5821, -62.4626
Hunter-Lab	86.3386, -27.6181, -12.2112

Details

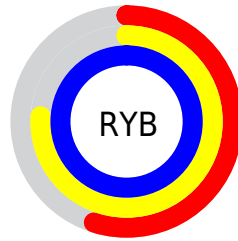
The YIQ color **211.2230, -64.1400, -16.0120** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **183.7770, 64.1400, 16.0120**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **238.2560, -33.3760, -11.8720**, and **153.9130, -66.2030, -17.1710** is the 20% darker color. If you saturate the color by 10%, you get **201.6880, -78.8110, -19.9550**, and if you desaturate by 10%, it is **221.0460, -50.3400, -12.8040**.

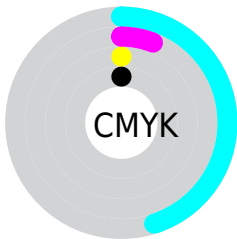
Distribution



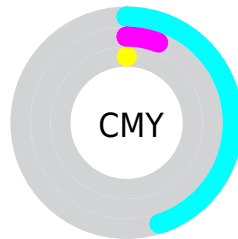
- Red (55%)
- Green (94%)
- Blue (100%)



- 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 211.2230, -64.1400, -16.0120 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 211.2230, -64.1400, -16.0120 by changing the saturation by 10% instead.

211.2230,
-64.1400, -16.0120

211.2230,
-64.1400, -16.0120

255.0000, -0.0000,
-0.0000

182.5110,
-65.0110, -16.7470

238.2560,
-33.3760, -11.8720

153.9130,
-66.2030, -17.1710

247.2260,
-15.4960, -5.5120

124.8200,
-70.3750, -18.6550

92.7260, -81.9740,
-23.2060

74.6140, -66.7990,
-17.3830

57.6760, -52.1740,
-12.6060

40.8520, -37.8700,

-7.5180

■ 26.0170, -25.0330,
-3.3770

■ 3.7790, -9.2630,
8.1850

■ 211.2230,
-64.1400, -16.0120

■ 211.2230,
-64.1400, -16.0120

■ 201.6880,
-78.8110, -19.9550

■ 221.0460,
-50.3400, -12.8040

■ 191.8650,
-92.6110, -23.1630

■ 230.5810,
-35.6690, -8.8610

■ 181.7430,
-107.0070, -26.5830

■ 240.4040,
-21.8690, -5.6530

■ 172.5070,
-121.0820, -30.3140

■ 249.9390, -7.1980,
-1.7100

■ 162.3850,
-135.4780, -33.7340

255.0000, -0.0000,
-0.0000

■ 158.2100,
-142.3550, -35.7550

Harmonies

Analogous

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



211.6080, -49.4670, -23.1230



211.2230, -64.1400, -16.0120



213.3710, -52.6330, -9.7930

Triad

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



211.2230, -64.1400, -16.0120



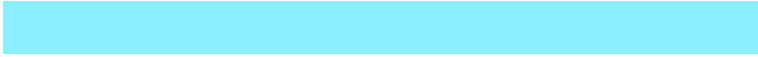
226.2540, 14.8050, 23.5490



222.2970, 29.3000, -13.3880

Complementary

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



211.2230, -64.1400, -16.0120



183.7770, 64.1400, 16.0120

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.



221.5850, 37.5970, -4.0590



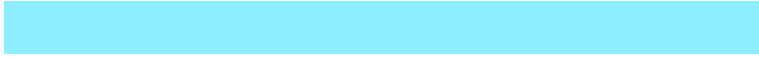
211.2230, -64.1400, -16.0120



220.6000, 25.2140, 16.6220

Square

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



211.2230, -64.1400, -16.0120



224.9420, -2.1120, 16.2560



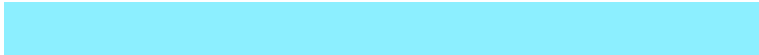
219.1690, 33.3770, 6.3450



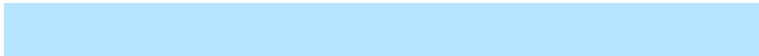
219.0380, 4.8640, -22.0800

Rectangle

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



211.2230, -64.1400, -16.0120



217.6120, -36.9540, -2.0900



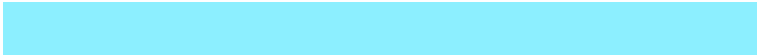
219.1690, 33.3770, 6.3450



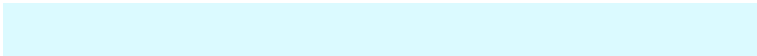
223.2270, 35.4890, -9.9110

Sweetspot

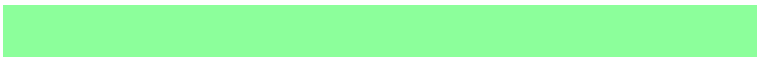
The Sweet Spot groups the original color and five complimentary colors.



211.2230, -64.1400, -16.0120



241.3010, -20.0810, -5.0170



209.2150, -36.4400, -55.4800



119.6610, -12.2870, -3.0950



0.0000, 0.0000, 0.0000



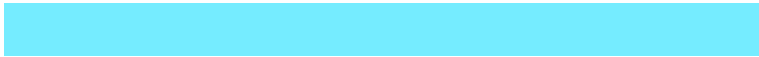
128.0000, -0.0000, -0.0000

Same Dimension

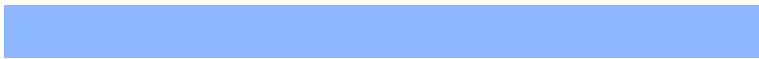
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211.2230, -64.1400, -16.0120



202.5850, -77.0230, -19.3190



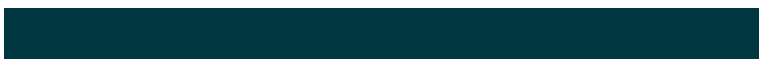
177.7640, -48.4650, 13.7990



122.9390, -7.1980, -1.7100



118.6290, -106.6860, -26.8940



39.5810, -35.6690, -8.8610

Inverse Universe

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



185.6710, 36.7610, 55.1690



171.8280, 44.0490, 66.2650



217.2360, 48.4650, -13.7990



120.1410, 4.2170, 6.1770



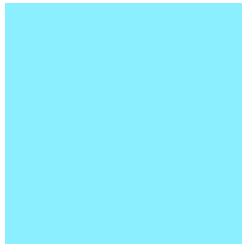
75.9190, 60.8710, 91.8070



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 211.2230, -64.1400, -16.0120 looks on a white background.

Color Contrast Check

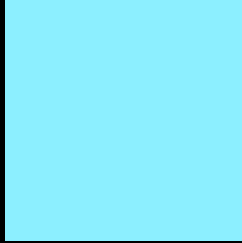
Large Text (above 18pt) WCAG AA × Fail

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 211.2230, -64.1400, -16.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

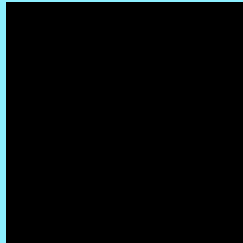
Any Text WCAG AA ✓ Pass

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 211.2230, -64.1400, -16.0120 Background



This preview shows how black text looks on a background with the YIQ color 211.2230, -64.1400, -16.0120.



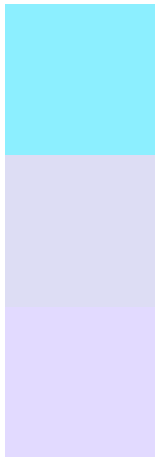
This preview shows how white text looks on a background with the YIQ color 211.2230, -64.1400, -16.0120.

-16.0120.

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

211.2230, -64.1400, -16.0120

Protanopia

223.6220, -7.3830, 7.1530

Deuteranopia

224.6100, -7.1090, 13.2030



Tritanopia

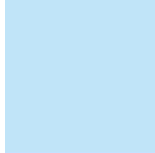
213.0390, -57.6300, -12.8460

Trichromacy



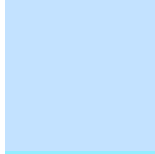
Original Color

211.2230, -64.1400, -16.0120



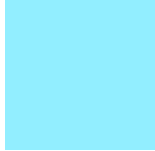
Protanomaly

219.5160, -27.8760, -1.4120



Deuteranomaly

220.0370, -27.7850, 2.4470



Tritanomaly

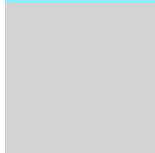
212.4300, -60.2890, -14.2170

Monochromacy



Original Color

211.2230, -64.1400, -16.0120



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

210.9200, -23.3820, -5.7660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.2230, -64.1400, -16.0120 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(140, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 239, 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(140, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 239, 255) }
```

Border

The CSS property to change the border of an element to YIQ 211.2230, -64.1400, -16.0120 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(140, 239, 255) }
```


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

```
.border{ border-color:rgb(140, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 239,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 211.2230, -64.1400, -16.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 239, 255) }
```

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

```
.background{ background-color: rgb(140,  
239, 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](#).

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