

Converting Colors

YIQ(214.2250, -67.6220,
-30.0060)

Have a look what the booklet for
YIQ(214.2250, -67.6220, -30.0060)
contains.

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Color

**YIQ(214.2250, -67.6220,
-30.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	83FCEE
RGB	131, 252, 238
RGB Percent	51%, 99%, 93%
CMY	0.4866, 0.0115, 0.0669
CMYK	0.48, 0.00, 0.06, 0.01
HSL	173°, 95%, 75%
HSV	173°, 48%, 99%
XYZ	59.5977, 80.6412, 93.2625
YIQ	214.2250, -67.6220, -30.0060

Conversions

Conversions Part 2

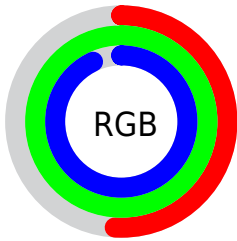
Format	Color
RYB	131, 195, 252
Decimal	8649966
CIELab	91.97, -37.44, -3.78
CIElCh	92, 37.629, 185.765
Yxy	80.6412, 0.2552, 0.3454
Android (android.graphics.Color)	4286840046 (0xFF83FCEE)
YUV	214.2250, 11.7211, -72.9883
Hunter-Lab	89.8004, -38.6860, 1.2845

Details

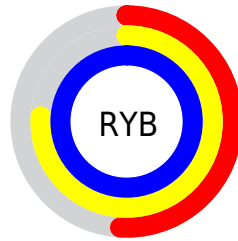
The YIQ color **214.2250, -67.6220, -30.0060** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **168.7750, 67.6220, 30.0060**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, -38.1440, -13.5680**, and **155.5450, -71.5190, -30.9670** is the 20% darker color. If you saturate the color by 10%, you get **206.4080, -81.5590, -36.2390**, and if you desaturate by 10%, it is **222.0420, -53.6850, -23.7730**.

Distribution



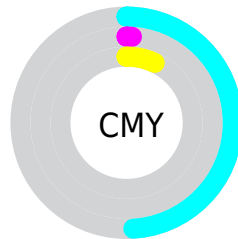
- Red (51%)
- Green (99%)
- Blue (93%)



- Red (51%)
- Yellow (76%)
- Blue (99%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (49%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.2250, -67.6220, -30.0060 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 214.2250, -67.6220, -30.0060 by changing the saturation by 10% instead.

214.2250,
-67.6220, -30.0060

214.2250,
-67.6220, -30.0060

255.0000, -0.0000,
-0.0000

185.0400,
-68.5390, -29.9070

235.8640,
-38.1440, -13.5680

155.5450,
-71.5190, -30.9670

244.8340,
-20.2640, -7.2080

123.4730,
-80.1840, -33.6240

253.8040, -2.3840,
-0.8480

97.4730, -80.1840,
-33.6240

78.7740, -64.7340,
-27.2780

61.3630, -50.1550,
-21.6670

44.6530, -36.1720,

-16.2680

■ 29.3450, -23.3810,
-11.2930

■ 9.9280, -8.6650,
-2.6570

■ 214.2250,
-67.6220, -30.0060

■ 214.2250,
-67.6220, -30.0060

■ 206.4080,
-81.5590, -36.2390

■ 222.0420,
-53.6850, -23.7730

■ 198.5910,
-95.4960, -42.4720

■ 229.8590,
-39.7480, -17.5400

■ 190.4750,
-110.0290, -48.9170

■ 237.9750,
-25.2150, -11.0950

■ 182.6580,
-123.9660, -55.1500

■ 245.7920,
-11.2780, -4.8620

■ 174.8410,
-137.9030, -61.3830

■ 253.0110, 1.4670,
0.9470

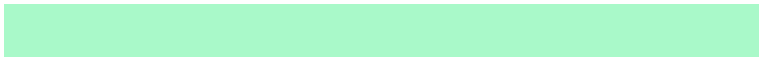
■ 173.3460,
-140.8830, -62.4430

■ 253.2390, 0.8250,
1.5690

Harmonies

Analogous

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



219.6080, -32.2720, -31.8880



214.2250, -67.6220, -30.0060



210.5040, -81.4690, -26.8530

Triad

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



214.2250, -67.6220, -30.0060



231.7640, 4.2610, 16.3970



224.4230, 37.8730, -9.0630

Complementary

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



214.2250, -67.6220, -30.0060



168.7750, 67.6220, 30.0060

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.



220.7020, 33.1940, 4.1540



214.2250, -67.6220, -30.0060



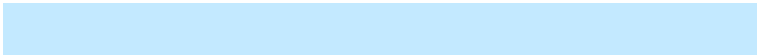
227.9980, 12.6500, 24.0580

Square

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



214.2250, -67.6220, -30.0060



224.1460, -29.7100, -1.2140



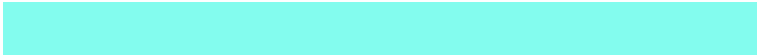
222.3440, 23.0590, 17.1310



229.4730, 34.4360, -18.3640

Rectangle

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



214.2250, -67.6220, -30.0060



212.3420, -72.0250, -21.7930



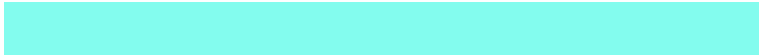
222.3440, 23.0590, 17.1310



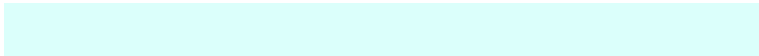
222.7590, 37.0470, -5.1050

Sweetspot

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



214.2250, -67.6220, -30.0060



243.7800, -20.1720, -8.8760



206.2130, -24.9310, -60.3150



121.0800, -12.1490, -5.5970



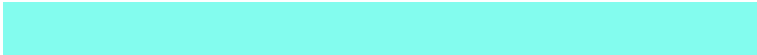
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



214.2250, -67.6220, -30.0060



208.8100, -82.7510, -36.6630



188.8190, -59.4660, -1.5940



120.8850, -7.1060, -3.3780



129.9810, -105.5820, -46.9100



41.9630, -34.1090, -15.1090

Inverse Universe

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



168.7750, 67.6220, 30.0060



153.1900, 82.7510, 36.6630



194.1810, 59.4660, 1.5940



116.1150, 7.1060, 3.3780



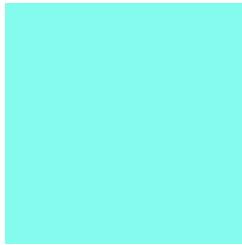
59.0190, 105.5820, 46.9100



19.0370, 34.1090, 15.1090

Previews

White Background



This preview shows how the YIQ color 214.2250, -67.6220, -30.0060 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 214.2250, -67.6220, -30.0060 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

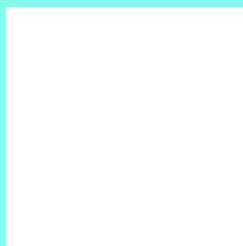
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.2250, -67.6220, -30.0060 Background



This preview shows how black text looks on a background with the YIQ color 214.2250, -67.6220, -30.0060.



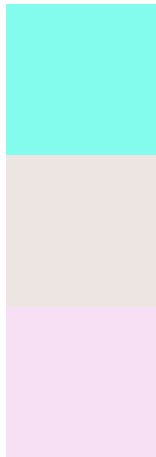
This preview shows how white text looks on a background with the YIQ color 214.2250, -67.6220, -30.0060.

-30.0060.

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

214.2250, -67.6220, -30.0060

Protanopia

230.6370, 5.4560, 0.2400

Deuteranopia

233.1570, 7.2880, 11.0960



Tritanopia

224.6450, -41.7210, -9.3130

Trichromacy



Original Color

214.2250, -67.6220, -30.0060



Protanomaly

224.5410, -20.9970, -10.4450



Deuteranomaly

226.2410, -19.8520, -3.6600



Tritanomaly

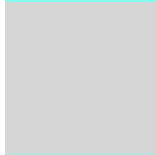
221.2260, -51.0270, -16.8750

Monochromacy



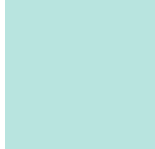
Original Color

214.2250, -67.6220, -30.0060



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

214.2740, -24.6190, -10.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2250, -67.6220, -30.0060 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(131, 252, 238)` looks like.

```
.text, #text, p{  
    color:rgb(131, 252, 238)  
}
```

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(131, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 252, 238) }
```

Border

The CSS property to change the border of an element to YIQ 214.2250, -67.6220, -30.0060 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(131, 252, 238) }
```


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

```
.border{ border-color:rgb(131, 252, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 252, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(131, 252,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2250, -67.6220, -30.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 252, 238) }
```

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

```
.background{ background-color: rgb(131,  
252, 238) }
```

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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