

Converting Colors

YIQ(213.9480, -65.2840,
-28.3240)

Have a look what the booklet for
YIQ(213.9480, -65.2840, -28.3240)
contains.

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Color

**YIQ(213.9480, -65.2840,
-28.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	86FAEE
RGB	134, 250, 238
RGB Percent	53%, 98%, 93%
CMY	0.4748, 0.0194, 0.0669
CMYK	0.46, 0.00, 0.05, 0.02
HSL	174°, 92%, 75%
HSV	174°, 46%, 98%
XYZ	59.4440, 79.6332, 93.0776
YIQ	213.9480, -65.2840, -28.3240

Conversions

Conversions Part 2

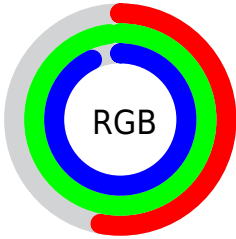
Format	Color
RYB	134, 195, 250
Decimal	8846062
CIELab	91.52, -35.86, -4.43
CIELCh	92, 36.132, 187.048
Yxy	79.6332, 0.2561, 0.3430
Android (android.graphics.Color)	4287036142 (0xFF86FAEE)
YUV	213.9480, 11.8576, -70.1144
Hunter-Lab	89.2374, -37.2608, 0.6248

Details

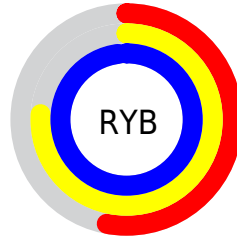
The YIQ color **213.9480, -65.2840, -28.3240** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **170.0520, 65.2840, 28.3240**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, -36.9520, -13.1440**, and **155.8660, -67.9890, -28.8610** is the 20% darker color. If you saturate the color by 10%, you get **206.1310, -79.2210, -34.5570**, and if you desaturate by 10%, it is **221.7650, -51.3470, -22.0910**.

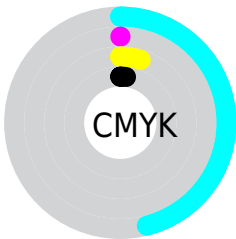
Distribution



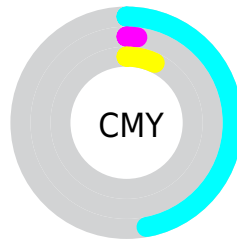
- Red (53%)
- Green (98%)
- Blue (93%)



- Red (53%)
- Yellow (76%)
- Blue (98%)



- Cyan (46%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (47%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.9480, -65.2840, -28.3240 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 213.9480, -65.2840, -28.3240 by changing the saturation by 10% instead.

213.9480,
-65.2840, -28.3240

213.9480,
-65.2840, -28.3240

255.0000, -0.0000,
-0.0000

184.7630,
-66.2010, -28.2250

236.4620,
-36.9520, -13.1440

155.8660,
-67.9890, -28.8610

245.4320,
-19.0720, -6.7840

125.5770,
-74.5450, -31.1930

254.4020, -1.1920,
-0.4240

96.2990, -79.6340,
-32.5780

78.1870, -64.4590,
-26.7550

60.7760, -49.8800,
-21.1440

44.0660, -35.8970,

-15.7450

■ 28.1710, -22.8310,
-10.2470

■ 8.1670, -7.8400,
-1.0880

■ 213.9480,
-65.2840, -28.3240

■ 213.9480,
-65.2840, -28.3240

■ 206.1310,
-79.2210, -34.5570

■ 221.7650,
-51.3470, -22.0910

■ 198.4280,
-93.4790, -40.4790

■ 229.4680,
-37.0890, -16.1690

■ 190.6110,
-107.4160, -46.7120

■ 237.2850,
-23.1520, -9.9360

■ 182.9080,
-121.6740, -52.6340

■ 244.9880, -8.8940,
-4.0140

■ 175.0910,
-135.6110, -58.8670

■ 251.6090, 2.6590,
1.3710

■ 172.2860,
-140.6540, -61.0860

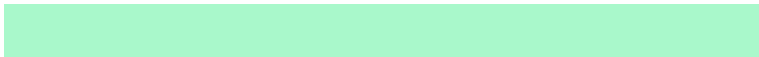
■ 251.9510, 1.6960,
2.3040

■ 252.0650, 1.3750,
2.6150

Harmonies

Analogous

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



219.2490, -32.6390, -30.7430



213.9480, -65.2840, -28.3240



211.1240, -77.3430, -24.5350

Triad

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



213.9480, -65.2840, -28.3240



231.1770, 4.5360, 16.9200



223.9500, 37.8270, -8.2290

Complementary

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



213.9480, -65.2840, -28.3240



170.0520, 65.2840, 28.3240

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



213.9480, -65.2840, -28.3240



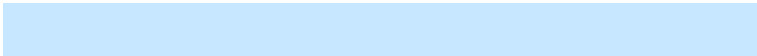
227.9980, 12.6500, 24.0580

Square

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



213.9480, -65.2840, -28.3240



223.8690, -27.3720, 0.4680



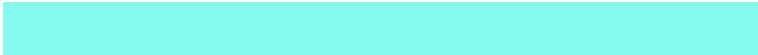
222.1160, 23.7010, 16.5090



227.9180, 31.6850, -18.0670

Rectangle

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



213.9480, -65.2840, -28.3240



213.2610, -67.3030, -19.2630



222.1160, 23.7010, 16.5090



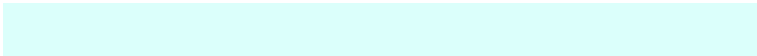
222.8730, 36.7260, -4.7940

Sweetspot

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



213.9480, -65.2840, -28.3240



243.7800, -20.1720, -8.8760



205.9790, -24.1520, -57.9120



121.0800, -12.1490, -5.5970



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

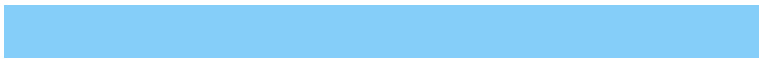
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.9480, -65.2840, -28.3240



210.5330, -80.4130, -34.9810



189.4880, -57.0360, -1.5800



120.9990, -7.4270, -3.0670



130.2090, -106.2240, -46.2880



42.0770, -34.4300, -14.7980

Inverse Universe

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



170.0520, 65.2840, 28.3240



156.4670, 80.4130, 34.9810



194.5120, 57.0360, 1.5800



116.1150, 7.1060, 3.3780



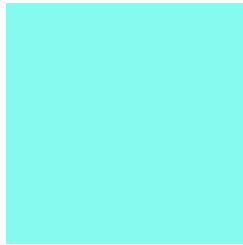
58.7910, 106.2240, 46.2880



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 213.9480, -65.2840, -28.3240 looks on a white background.

Color Contrast Check

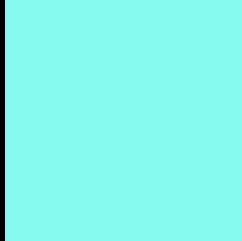
Large Text (above 18pt) WCAG AA × Fail

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 213.9480, -65.2840, -28.3240 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

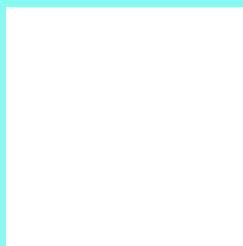
Any Text WCAG AAA ✓ Pass

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

YIQ 213.9480, -65.2840, -28.3240 Background



This preview shows how black text looks on a background with the YIQ color 213.9480, -65.2840, -28.3240.



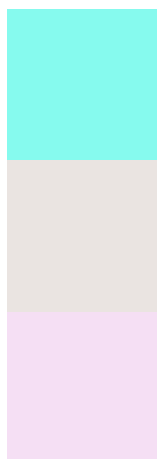
This preview shows how white text looks on a background with the YIQ color 213.9480, -65.2840, -28.3240.

-28.3240.

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

213.9480, -65.2840, -28.3240

Protanopia

229.4520, 4.5390, 0.3390

Deuteranopia

231.9720, 6.3710, 11.1950



Tritanopia

222.8620, -43.8300, -9.6380

Trichromacy



Original Color

213.9480, -65.2840, -28.3240



Protanomaly

223.9540, -20.7220, -9.9220



Deuteranomaly

225.6540, -19.5770, -3.1370



Tritanomaly

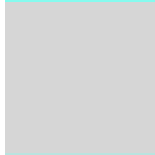
219.4540, -51.6690, -16.2530

Monochromacy



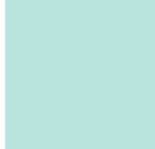
Original Color

213.9480, -65.2840, -28.3240



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

213.9860, -23.7480, -10.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.9480, -65.2840, -28.3240 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(134, 250, 238)` looks like.

```
.text, #text, p{  
    color:rgb(134, 250, 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(134, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 250, 238) }
```

Border

The CSS property to change the border of an element to YIQ 213.9480, -65.2840, -28.3240 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(134, 250, 238) }
```


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

```
.border{ border-color:rgb(134, 250, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 250, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 250, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 250, 238);  
box-shadow:4px 4px 4px 4px rgb(134, 250,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 213.9480, -65.2840, -28.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 250, 238) }
```

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

```
.background{ background-color: rgb(134,  
250, 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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