

Converting Colors

YIQ(216.4980, -64.1370,
-32.5930)

Have a look what the booklet for
YIQ(216.4980, -64.1370, -32.5930)
contains.

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Color

**YIQ(216.4980, -64.1370,
-32.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	87FFE8
RGB	135, 255, 232
RGB Percent	53%, 100%, 91%
CMY	0.4709, 0.0000, 0.0904
CMYK	0.47, 0.00, 0.09, 0.00
HSL	168°, 100%, 76%
HSV	168°, 47%, 100%
XYZ	60.2963, 82.4873, 89.0427
YIQ	216.4980, -64.1370, -32.5930

Conversions

Conversions Part 2

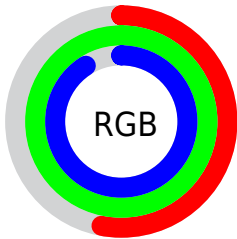
Format	Color
RYB	135, 201, 255
Decimal	8912872
CIELab	92.79, -39.30, 0.54
CIELCh	93, 39.301, 179.214
Yxy	82.4873, 0.2601, 0.3558
Android (android.graphics.Color)	4287102952 (0xFF87FFE8)
YUV	216.4980, 7.6425, -71.4737
Hunter-Lab	90.8225, -40.4348, 5.4477

Details

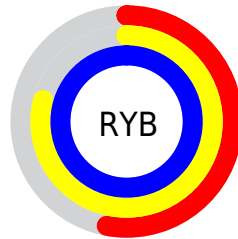
The YIQ color **216.4980, -64.1370, -32.5930** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **173.5020, 64.1370, 32.5930**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, -36.3560, -12.9320**, and **158.4160, -66.8420, -33.1300** is the 20% darker color. If you saturate the color by 10%, you get **208.1540, -78.0280, -39.6600**, and if you desaturate by 10%, it is **224.5430, -50.8420, -25.7380**.

Distribution



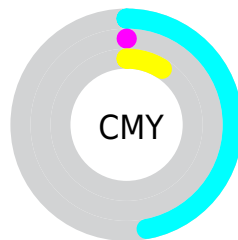
- Red (53%)
- Green (100%)
- Blue (91%)



- Red (53%)
- Yellow (79%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.4980, -64.1370, -32.5930 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 216.4980, -64.1370, -32.5930 by changing the saturation by 10% instead.

216.4980,
-64.1370, -32.5930

216.4980,
-64.1370, -32.5930

255.0000, -0.0000,
-0.0000

187.3130,
-65.0540, -32.4940

236.7610,
-36.3560, -12.9320

158.4160,
-66.8420, -33.1300

245.7310,
-18.4760, -6.5720

127.6540,
-73.4440, -34.6280

254.7010, -0.5960,
-0.2120

98.0770, -79.1290,
-36.2250

79.9650, -63.9540,
-30.4020

62.5540, -49.3750,
-24.7910

45.3710, -35.4380,

-18.5580

■ 29.4760, -22.3720,
-13.0600

■ 11.4780, -7.5180,
-6.9260

■ 216.4980,
-64.1370, -32.5930

■ 216.4980,
-64.1370, -32.5930

■ 208.1540,
-78.0280, -39.6600

■ 224.5430,
-50.8420, -25.7380

■ 200.1090,
-91.3230, -46.5150

■ 232.8870,
-36.9510, -18.6710

■ 191.7650,
-105.2140, -53.5820

■ 240.9320,
-23.6560, -11.8160

■ 183.7200,
-118.5090, -60.4370

■ 249.2760, -9.7650,
-4.7490

■ 175.3760,
-132.4000, -67.5040

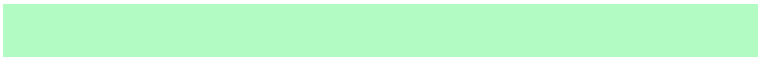
255.0000, -0.0000,
-0.0000

■ 173.1690,
-136.2510, -69.2990

Harmonies

Analogous

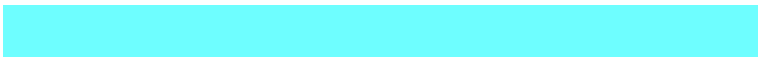
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.6750, -25.2110, -33.2030



216.4980, -64.1370, -32.5930



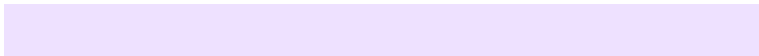
211.0580, -86.1450, -30.2170

Triad

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



216.4980, -64.1370, -32.5930



232.3070, -1.8820, 12.0860



224.2920, 36.8640, -7.2960

Complementary

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



216.4980, -64.1370, -32.5930



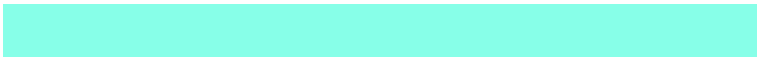
173.5020, 64.1370, 32.5930

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.



221.6140, 30.6260, 6.6420



216.4980, -64.1370, -32.5930



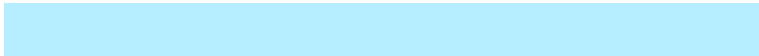
230.3460, 11.5500, 21.9660

Square

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



216.4980, -64.1370, -32.5930



223.4930, -38.2370, -6.3730



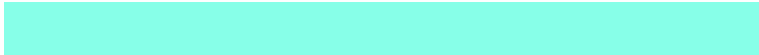
224.1850, 19.2530, 20.0290



230.5550, 37.1410, -17.8270

Rectangle

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



216.4980, -64.1370, -32.5930



211.6890, -80.5520, -26.9520



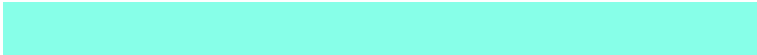
224.1850, 19.2530, 20.0290



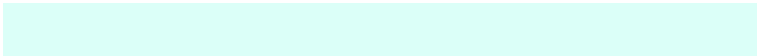
222.8560, 35.3960, -2.7160

Sweetspot

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



216.4980, -64.1370, -32.5930



243.4380, -19.2090, -9.8090



212.6160, -18.6960, -57.6720



120.8520, -11.5070, -6.2190



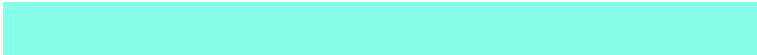
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



216.4980, -64.1370, -32.5930



208.4530, -77.4320, -39.4480



197.9880, -61.6200, -6.6120



123.7710, -6.7850, -3.6890



129.7870, -102.2800, -51.6880



43.4960, -34.2920, -17.3000

Inverse Universe

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



173.5020, 64.1370, 32.5930



156.5470, 77.4320, 39.4480



192.0120, 61.6200, 6.6120



119.1150, 7.1060, 3.3780



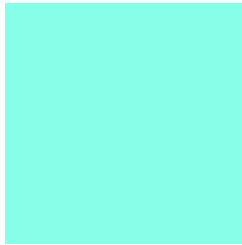
61.3270, 101.9590, 51.9990



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 216.4980, -64.1370, -32.5930 looks on a white background.

Color Contrast Check

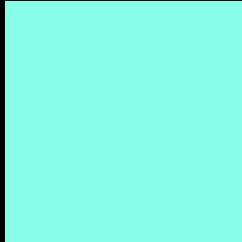
Large Text (above 18pt) WCAG AA × Fail

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 216.4980, -64.1370, -32.5930 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

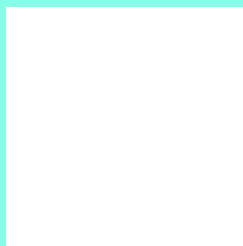
Any Text WCAG AAA ✓ Pass

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

YIQ 216.4980, -64.1370, -32.5930 Background



This preview shows how black text looks on a background with the YIQ color 216.4980, -64.1370, -32.5930.



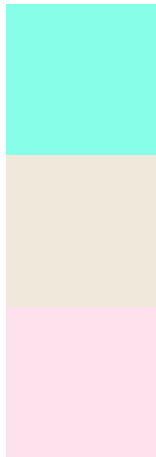
This preview shows how white text looks on a background with the YIQ color 216.4980, -64.1370, -32.5930.

-32.5930.

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

216.4980, -64.1370, -32.5930

Protanopia

232.9100, 8.9410, -2.3470

Deuteranopia

235.4410, 12.2400, 9.4560



Tritanopia

227.9230, -36.6320, -7.9280

Trichromacy



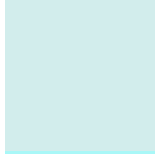
Original Color

216.4980, -64.1370, -32.5930



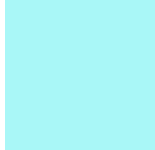
Protanomaly

226.8140, -17.5120, -13.0320



Deuteranomaly

228.8130, -15.7710, -6.0350



Tritanomaly

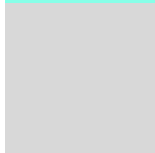
223.6780, -46.4880, -16.5360

Monochromacy



Original Color

216.4980, -64.1370, -32.5930



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

216.2310, -23.0600, -11.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.4980, -64.1370, -32.5930 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(135, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(135, 255, 232)  
}
```

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(135, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 255, 232) }
```

Border

The CSS property to change the border of an element to YIQ 216.4980, -64.1370, -32.5930 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(135, 255, 232) }
```


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

```
.border{ border-color:rgb(135, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(135, 255,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 216.4980, -64.1370, -32.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 255, 232) }
```

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

```
.background{ background-color: rgb(135,  
255, 232) }
```

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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