

Converting Colors

YIQ(228.9680, -32.5050,
-11.1370)

Have a look what the booklet for
YIQ(228.9680, -32.5050, -11.1370)
contains.

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Color

**YIQ(228.9680, -32.5050,
-11.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF5F6
RGB	191, 245, 246
RGB Percent	75%, 96%, 96%
CMY	0.2511, 0.0391, 0.0354
CMYK	0.22, 0.00, 0.00, 0.04
HSL	181°, 75%, 86%
HSV	181°, 22%, 96%
XYZ	70.7664, 83.0425, 99.4612
YIQ	228.9680, -32.5050, -11.1370

Conversions

Conversions Part 2

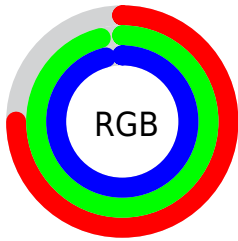
Format	Color
R _Y B	191, 218, 246
Decimal	12580342
CIE Lab	93.03, -16.79, -6.07
CIE LCh	93, 17.857, 199.866
Yxy	83.0425, 0.2794, 0.3279
Android (android.graphics.Color)	4290770422 (0xFFBFF5F6)
YUV	228.9680, 8.3968, -33.2979
Hunter-Lab	91.1276, -20.8568, -0.9226

Details

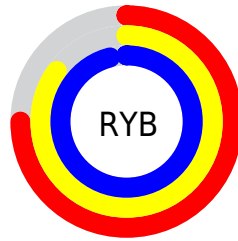
The YIQ color **228.9680, -32.5050, -11.1370** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **208.0320, 32.5050, 11.1370**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.9070, -4.1720, -1.4840**, and **173.2670, -31.9090, -10.9250** is the 20% darker color. If you saturate the color by 10%, you get **221.4930, -47.4050, -16.4370**, and if you desaturate by 10%, it is **236.4430, -17.6050, -5.8370**.

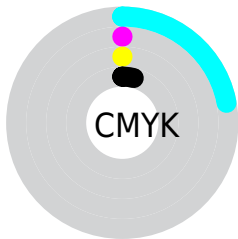
Distribution



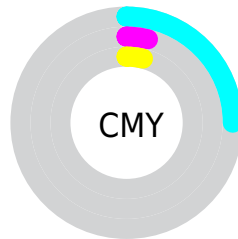
- Red (75%)
- Green (96%)
- Blue (96%)



- Red (75%)
- Yellow (85%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.9680, -32.5050, -11.1370 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 228.9680, -32.5050, -11.1370 by changing the saturation by 10% instead.

■ 228.9680,
-32.5050, -11.1370

■ 228.9680,
-32.5050, -11.1370

■ 255.0000, -0.0000,
-0.0000

■ 200.9680,
-32.5050, -11.1370

■ 252.9070, -4.1720,
-1.4840

■ 173.2670,
-31.9090, -10.9250

■ 146.5660,
-31.3130, -10.7130

■ 119.8650,
-30.7170, -10.5010

■ 94.8650, -30.7170,
-10.5010

■ 69.6800, -31.6340,
-10.4020

■ 43.9890, -36.9980,

-12.3100

■ 28.2680, -24.4820,
-7.8580

■ 13.5470, -11.9660,
-3.4060

■ 228.9680,
-32.5050, -11.1370

■ 228.9680,
-32.5050, -11.1370

■ 221.4930,
-47.4050, -16.4370

■ 236.4430,
-17.6050, -5.8370

■ 213.7300,
-61.4340, -21.0020

■ 244.2060, -3.5760,
-1.2720

■ 206.2550,
-76.3340, -26.3020

■ 248.6910, 5.3640,
1.9080

■ 198.4920,
-90.3630, -30.8670

■ 249.2780, 5.0890,
1.3850

■ 191.0170,
-105.2630, -36.1670

■ 249.8650, 4.8140,
0.8620

■ 183.5420,
-120.1630, -41.4670

■ 250.4520, 4.5390,
0.3390

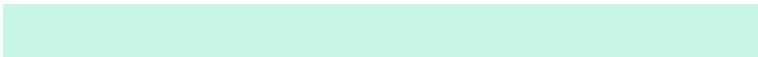
■ 175.7790,
-134.1920, -46.0320

■ 170.0980,
-145.5160, -50.0600

Harmonies

Analogous

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



229.6070, -21.3630, -14.8270



228.9680, -32.5050, -11.1370



229.7170, -33.0560, -6.6560

Triad

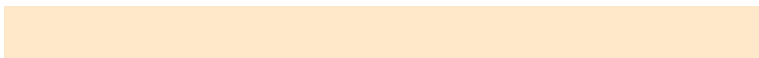
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.9680, -32.5050, -11.1370



237.6670, 5.9120, 14.0080



235.4570, 23.3380, -4.4540

Complementary

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



228.9680, -32.5050, -11.1370



208.0320, 32.5050, 11.1370

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.



233.3200, 22.4660, 0.3380



228.9680, -32.5050, -11.1370



235.3210, 12.6980, 12.1700

Square

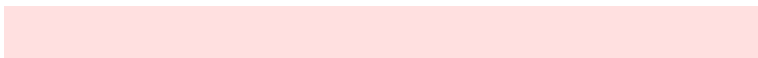
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.9680, -32.5050, -11.1370



234.9100, -8.2540, 6.4180



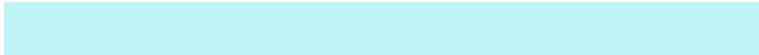
233.2690, 18.4760, 6.5720



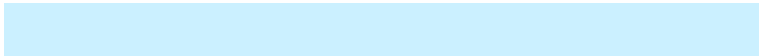
233.1240, 10.9140, -10.5740

Rectangle

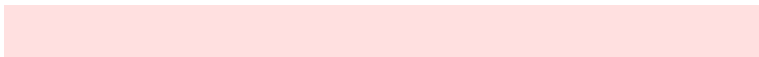
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.9680, -32.5050, -11.1370



230.6470, -26.8670, -3.1790



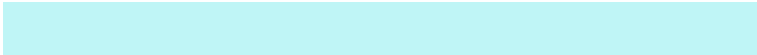
233.2690, 18.4760, 6.5720



234.3970, 23.5670, -3.0970

Sweetspot

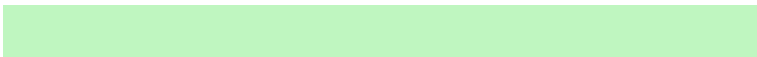
The Sweet Spot groups the original color and five complimentary colors.



228.9680, -32.5050, -11.1370



249.6180, -10.7280, -3.8160



223.3990, -15.4460, -28.4540



124.1240, -6.2810, -1.8090



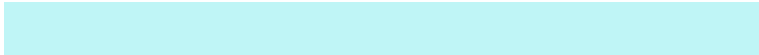
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



228.9680, -32.5050, -11.1370



233.7820, -40.8490, -14.1050



213.1190, -25.0800, 2.9840



118.4120, -7.1520, -2.5440



128.6250, -110.0310, -37.8630



40.7720, -34.8890, -11.9850

Inverse Universe

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



213.6010, 15.4460, 28.4540



214.3830, 19.2960, 35.7760



223.8810, 25.0800, -2.9840



114.9560, 3.3000, 6.2760



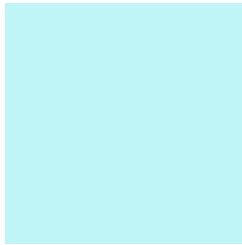
76.4760, 52.1130, 96.3450



24.2530, 16.5460, 30.5460

Previews

White Background



This preview shows how the YIQ color 228.9680, -32.5050, -11.1370 looks on a white background.

Color Contrast Check

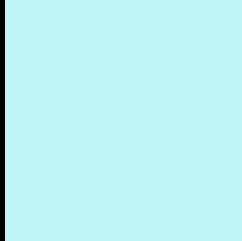
Large Text (above 18pt) WCAG AA × Fail

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 228.9680, -32.5050, -11.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

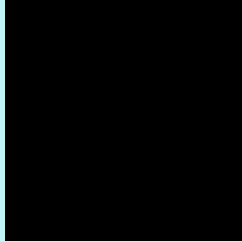
Any Text WCAG AA ✓ Pass

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 228.9680, -32.5050, -11.1370 Background



This preview shows how black text looks on a background with the YIQ color 228.9680, -32.5050, -11.1370.



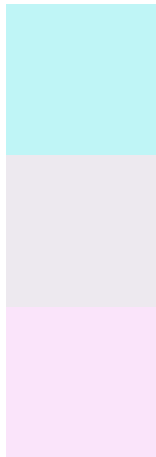
This preview shows how white text looks on a background with the YIQ color 228.9680, -32.5050, -11.1370.

-11.1370.

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

228.9680, -32.5050, -11.1370

Protanopia

234.8800, 0.4580, 2.7140

Deuteranopia

237.0860, 6.0500, 11.5060



Tritanopia

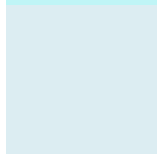
231.5440, -25.0790, -2.5430

Trichromacy



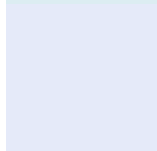
Original Color

228.9680, -32.5050, -11.1370



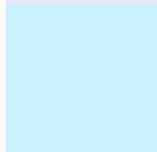
Protanomaly

232.4870, -11.7370, -2.0490



Deuteranomaly

234.2150, -7.7950, 3.6050



Tritanomaly

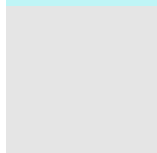
230.8810, -27.6460, -5.5820

Monochromacy



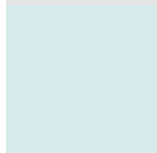
Original Color

228.9680, -32.5050, -11.1370



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

229.0200, -11.9200, -4.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.9680, -32.5050, -11.1370 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(191, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(191, 245, 246)  
}
```

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(191, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 245, 246) }
```

Border

The CSS property to change the border of an element to YIQ 228.9680, -32.5050, -11.1370 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(191, 245, 246) }
```


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

```
.border{ border-color:rgb(191, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(191, 245,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 228.9680, -32.5050, -11.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 245, 246) }
```

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

```
.background{ background-color: rgb(191,  
245, 246) }
```

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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