

# Converting Colors

YIQ(229.6480, -28.6080,  
-10.1760)

Have a look what the booklet for  
YIQ(229.6480, -28.6080, -10.1760)  
contains.

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# Color

**YIQ(229.6480, -28.6080,  
-10.1760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4F4F4
RGB	196, 244, 244
RGB Percent	77%, 96%, 96%
CMY	0.2315, 0.0430, 0.0432
CMYK	0.20, 0.00, 0.00, 0.04
HSL	180°, 69%, 86%
HSV	180°, 20%, 96%
XYZ	71.4389, 82.9753, 97.8155
YIQ	229.6480, -28.6080, -10.1760

# Conversions

## Conversions Part 2

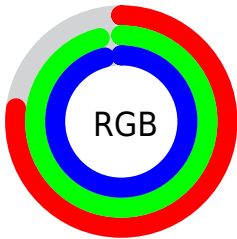
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 220, 244
Decimal	12907764
CIE Lab	93.00, -15.24, -5.04
CIE LCh	93, 16.050, 198.313
Yxy	82.9753, 0.2832, 0.3290
Android (android.graphics.Color)	4291097844 (0xFFC4F4F4)
YUV	229.6480, 7.0755, -29.5093
Hunter-Lab	91.0908, -19.4184, 0.0965

# Details

The YIQ color **229.6480, -28.6080, -10.1760** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **210.3520, 28.6080, 10.1760**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.4020, -1.1920, -0.4240**, and **173.9470, -28.0120, -9.9640** is the 20% darker color. If you saturate the color by 10%, you get **222.4720, -42.9120, -15.2640**, and if you desaturate by 10%, it is **236.8240, -14.3040, -5.0880**.

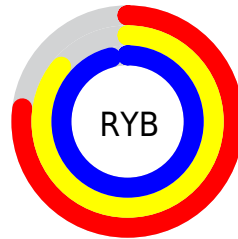
# Distribution



Red (77%)

Green (96%)

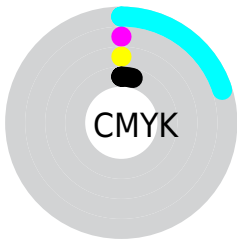
Blue (96%)



Red (77%)

Yellow (86%)

Blue (96%)

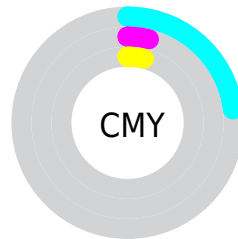


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (4%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 229.6480, -28.6080, -10.1760 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 229.6480, -28.6080, -10.1760 by changing the saturation by 10% instead.



229.6480,  
-28.6080, -10.1760

229.6480,  
-28.6080, -10.1760

255.0000, -0.0000,  
-0.0000

201.6480,  
-28.6080, -10.1760

254.4020, -1.1920,  
-0.4240

173.9470,  
-28.0120, -9.9640

147.2460,  
-27.4160, -9.7520

120.6590,  
-27.1410, -9.2290

95.5450, -26.8200,  
-9.5400

71.5450, -26.8200,  
-9.5400

46.7620, -28.9290,

-9.8650

■ 27.4530, -23.5650,  
-7.9570

■ 13.4330, -11.6450,  
-3.7170

■ 229.6480,  
-28.6080, -10.1760

■ 229.6480,  
-28.6080, -10.1760

■ 222.4720,  
-42.9120, -15.2640

■ 236.8240,  
-14.3040, -5.0880

■ 214.9970,  
-57.8120, -20.5640

■ 244.2990, 0.5960,  
0.2120

■ 207.8210,  
-72.1160, -25.6520

■ 247.2890, 6.5560,  
2.3320

■ 200.3460,  
-87.0160, -30.9520

■ 193.1700,  
-101.3200, -36.0400

■ 185.9940,  
-115.6240, -41.1280

■ 178.5190,  
-130.5240, -46.4280

■ 171.3430,  
-144.8280, -51.5160

■ 171.0440,  
-145.4240, -51.7280

# Harmonies

## Analogous

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



230.2160, -18.7040, -13.4560



229.6480, -28.6080, -10.1760



230.3260, -30.3970, -5.2850

# Triad

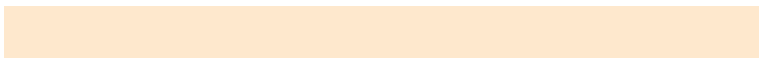
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.6480, -28.6080, -10.1760



237.3570, 3.8490, 12.8490



235.5000, 21.7790, -3.7330

# Complementary

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



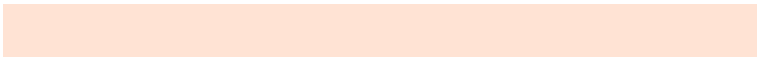
229.6480, -28.6080, -10.1760



210.3520, 28.6080, 10.1760

# 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.



233.6620, 21.5030, 1.2710



229.6480, -28.6080, -10.1760



235.9080, 12.4230, 11.6470

# Square

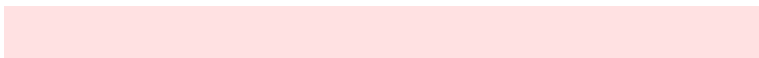
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.6480, -28.6080, -10.1760



234.6110, -8.8500, 6.2060



234.0840, 17.5590, 6.6710

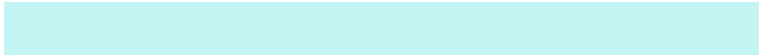


233.4660, 9.9510, -9.6410

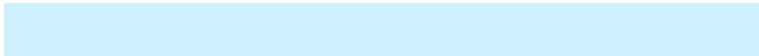


# Rectangle

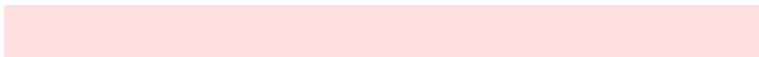
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.6480, -28.6080, -10.1760



231.5440, -25.0790, -2.5430



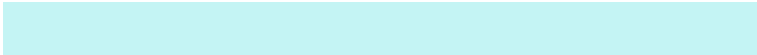
234.0840, 17.5590, 6.6710



234.8530, 22.2830, -1.8530

# Sweetspot

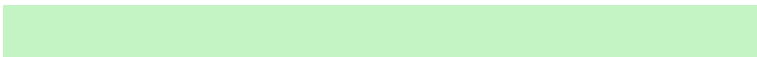
The Sweet Spot groups the original color and five complimentary colors.



229.6480, -28.6080, -10.1760



250.5150, -8.9400, -3.1800



224.4750, -12.6040, -24.8920



125.1950, -5.0430, -2.2190



0.0000, 0.0000, 0.0000

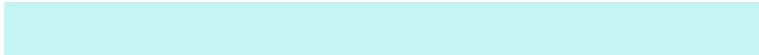


128.0000, -0.0000, -0.0000



# Same Dimension

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



229.6480, -28.6080, -10.1760



236.7610, -36.3560, -12.9320



216.1470, -22.2830, 1.8530



118.4120, -7.1520, -2.5440



130.3860, -110.8560, -39.4320



41.3590, -35.1640, -12.5080



# Inverse Universe

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



210.3520, 28.6080, 10.1760



212.2390, 36.3560, 12.9320



223.8530, 22.2830, -1.8530



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320

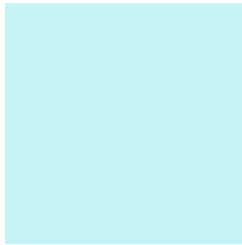


17.6410, 35.1640, 12.5080



# Previews

## White Background



This preview shows how the YIQ color 229.6480, -28.6080, -10.1760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

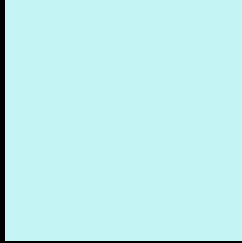
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 229.6480, -28.6080, -10.1760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

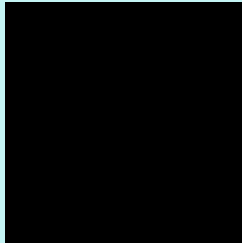
Any Text WCAG AA ✓ Pass

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 229.6480, -28.6080, -10.1760 Background



This preview shows how black text looks on a background with the YIQ color 229.6480, -28.6080, -10.1760.



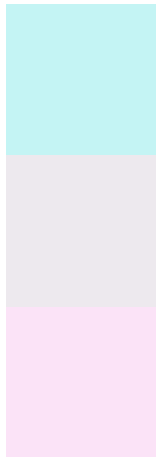
This preview shows how white text looks on a background with the YIQ color 229.6480, -28.6080, -10.1760.

-10.1760.

# 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

229.6480, -28.6080, -10.1760

### Protanopia

234.7660, 0.7790, 2.4030

### Deuteranopia

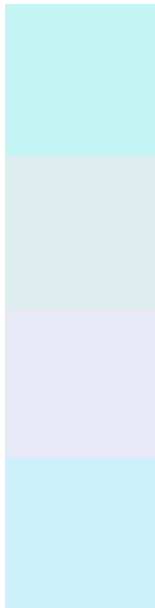
236.4560, 7.8840, 11.3080



## Tritanopia

232.1420, -23.8870, -2.1190

# Trichromacy



## Original Color

229.6480, -28.6080, -10.1760

## Protanomaly

232.8570, -9.9030, -2.2470

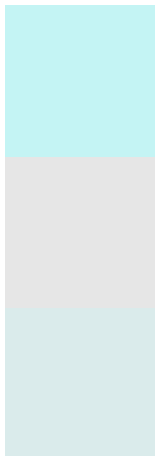
## Deuteranomaly

233.8840, -5.3650, 3.6190

## Tritanomaly

231.0770, -25.2620, -4.7340

# Monochromacy



## Original Color

229.6480, -28.6080, -10.1760

## Achromatopsia

230.0000, -0.0000, 0.0000

## Achromatomaly

229.9170, -10.1320, -3.6040

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 229.6480, -28.6080, -10.1760 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(196, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(196, 244, 244)  
}
```

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(196, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 244, 244) }
```

## Border

The CSS property to change the border of an element to YIQ 229.6480, -28.6080, -10.1760 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(196, 244, 244) }
```



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

```
.border{ border-color:rgb(196, 244, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(196, 244,  
244) }
```

# Background

The CSS property to change the background color of an element to YIQ 229.6480, -28.6080, -10.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 244, 244) }
```

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

```
.background{ background-color: rgb(196,  
244, 244) }
```

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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