

# Converting Colors

YIQ(217.4580, -31.1290,  
-14.0490)

Have a look what the booklet for  
YIQ(217.4580, -31.1290, -14.0490)  
contains.

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# Color

**YIQ(217.4580, -31.1290,  
-14.0490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3EBE4
RGB	179, 235, 228
RGB Percent	70%, 92%, 89%
CMY	0.2982, 0.0783, 0.1060
CMYK	0.24, 0.00, 0.03, 0.08
HSL	172°, 58%, 81%
HSV	172°, 24%, 92%
XYZ	62.2968, 74.6094, 84.4945
YIQ	217.4580, -31.1290, -14.0490

# Conversions

## Conversions Part 2

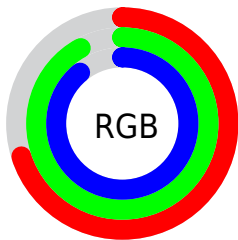
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 209, 235
Decimal	11791332
CIELab	89.21, -19.17, -2.39
CIELCh	89, 19.316, 187.116
Yxy	74.6094, 0.2814, 0.3370
Android (android.graphics.Color)	4289981412 (0xFFB3EBE4)
YUV	217.4580, 5.1972, -33.7277
Hunter-Lab	86.3767, -22.4213, 2.4657

# Details

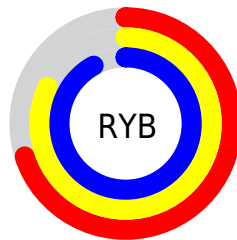
The YIQ color **217.4580, -31.1290, -14.0490** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **196.5420, 31.1290, 14.0490**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3190, -11.3240, -4.0280**, and **162.1700, -30.2580, -13.3140** is the 20% darker color. If you saturate the color by 10%, you get **209.9400, -44.4700, -20.0700**, and if you desaturate by 10%, it is **224.6770, -18.3840, -8.2400**.

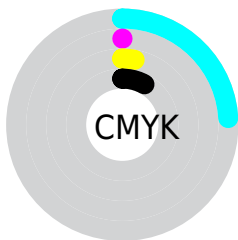
# Distribution



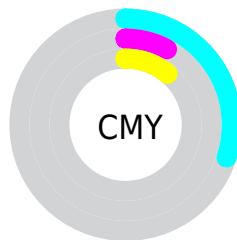
- Red (70%)
- Green (92%)
- Blue (89%)



- Red (70%)
- Yellow (82%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (30%)
- Magenta (8%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 217.4580, -31.1290, -14.0490 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 217.4580, -31.1290, -14.0490 by changing the saturation by 10% instead.



■ 217.4580,  
-31.1290, -14.0490

■ 217.4580,  
-31.1290, -14.0490

■ 255.0000, -0.0000,  
-0.0000

■ 189.7570,  
-30.5330, -13.8370

■ 249.3190,  
-11.3240, -4.0280

■ 162.1700,  
-30.2580, -13.3140

■ 135.4690,  
-29.6620, -13.1020

■ 109.4690,  
-29.6620, -13.1020

■ 84.5830, -29.9830,  
-12.7910

■ 59.6860, -31.7710,  
-13.4270

■ 37.3980, -30.9000,

-12.6920

■ 22.6770, -18.3840,  
-8.2400

■ 0.3420, -0.9630,  
0.9330

■ 217.4580,  
-31.1290, -14.0490

■ 217.4580,  
-31.1290, -14.0490

■ 209.9400,  
-44.4700, -20.0700

■ 224.6770,  
-18.3840, -8.2400

■ 202.7210,  
-57.2150, -25.8790

■ 232.1950, -5.0430,  
-2.2190

■ 195.2030,  
-70.5560, -31.9000

■ 239.4140, 7.7020,  
3.5900

■ 187.9840,  
-83.3010, -37.7090

■ 241.5500, 10.3150,  
5.7950

■ 180.4660,  
-96.6420, -43.7300

■ 241.8920, 9.3520,  
6.7280

■ 173.2470,  
-109.3870, -49.5390

■ 242.2340, 8.3890,  
7.6610

■ 165.7290,  
-122.7280, -55.5600

■ 242.5760, 7.4260,  
8.5940

■ 161.3150,  
-130.4300, -59.1500

■ 242.9180, 6.4630,  
9.5270

■ 243.2600, 5.5000,  
10.4600

# Harmonies

## Analogous

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



218.8910, -16.4110, -16.4670



217.4580, -31.1290, -14.0490



218.0260, -38.4200, -8.5640

# Triad

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



217.4580, -31.1290, -14.0490



226.5890, -2.6160, 14.3760



225.0880, 28.9310, -1.1890

# Complementary

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



217.4580, -31.1290, -14.0490



196.5420, 31.1290, 14.0490

# 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.



224.4180, 28.2420, 5.7940



217.4580, -31.1290, -14.0490



227.6250, 14.8980, 16.3540

# Square

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



217.4580, -31.1290, -14.0490



223.0490, -18.8910, 6.4610



225.1820, 23.3350, 12.1270



222.8860, 17.5160, -9.0760

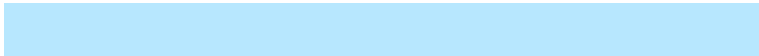


# Rectangle

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



217.4580, -31.1290, -14.0490



219.2700, -35.9910, -3.0230



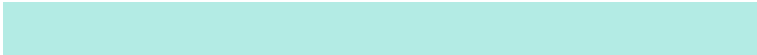
225.1820, 23.3350, 12.1270



225.1530, 30.3060, 1.4260

# Sweetspot

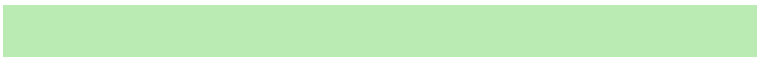
The Sweet Spot groups the original color and five complimentary colors.



217.4580, -31.1290, -14.0490



249.3900, -10.0860, -4.4380



213.9650, -11.2280, -27.8040



124.4830, -5.9140, -2.9540



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

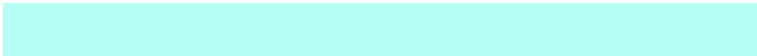


# Same Dimension

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



217.4580, -31.1290, -14.0490



231.8480, -41.2150, -18.4870



205.9290, -27.6010, -0.8890



113.5970, -6.2350, -2.6430



124.2590, -100.4930, -45.5250



37.0560, -29.9370, -13.6250



# Inverse Universe

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



196.5420, 31.1290, 14.0490



204.1520, 41.2150, 18.4870



208.0710, 27.6010, 0.8890



109.4030, 6.2350, 2.6430



56.7410, 100.4930, 45.5250

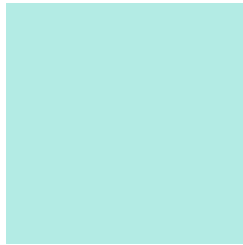


16.9440, 29.9370, 13.6250



# Previews

## White Background



This preview shows how the YIQ color 217.4580, -31.1290, -14.0490 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 217.4580, -31.1290, -14.0490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

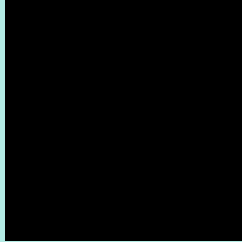
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

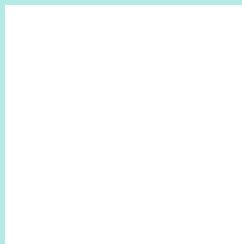
Any Text WCAG AAA ✓ Pass

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

# YIQ 217.4580, -31.1290, -14.0490 Background



This preview shows how black text looks on a background with the YIQ color 217.4580, -31.1290, -14.0490.



This preview shows how white text looks on a background with the YIQ color 217.4580, -31.1290, -14.0490.

-14.0490.

# 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





## Tritanopia

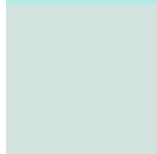
219.7000, -34.3860, -4.5780

# Trichromacy



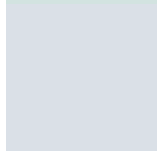
## Original Color

217.4580, -31.1290, -14.0490



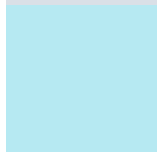
## Protanomaly

221.5750, -9.1690, -4.5370



## Deuteranomaly

223.0040, -5.8230, 0.9050



## Tritanomaly

218.7770, -33.2850, -8.0130

# Monochromacy



## Original Color

217.4580, -31.1290, -14.0490



## Achromatopsia

217.0000, -0.0000, 0.0000



## Achromatomaly

217.3790, -11.5530, -5.3850

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 217.4580, -31.1290, -14.0490 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(179, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(179, 235, 228)  
}
```

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(179, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 235, 228) }
```

## Border

The CSS property to change the border of an element to YIQ 217.4580, -31.1290, -14.0490 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(179, 235, 228) }
```



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

```
.border{ border-color:rgb(179, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 235, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 235, 228); box-shadow:4px 4px 4px 4px rgb(179, 235, 228) }
```

# Background

The CSS property to change the background color of an element to YIQ 217.4580, -31.1290, -14.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 235, 228) }
```

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

```
.background{ background-color: rgb(179,  
235, 228) }
```

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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