

# Converting Colors

YIQ(218.2320, -15.6330,  
-8.5370)

Have a look what the booklet for  
YIQ(218.2320, -15.6330, -8.5370)  
contains.

<b>YIQ(218.2320, -15.6330, -8.5370)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(218.2320, -15.6330,  
-8.5370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6E4DD
RGB	198, 228, 221
RGB Percent	78%, 89%, 87%
CMY	0.2236, 0.1058, 0.1334
CMYK	0.13, 0.00, 0.03, 0.11
HSL	166°, 36%, 84%
HSV	166°, 13%, 89%
XYZ	64.0797, 72.7166, 79.0549
YIQ	218.2320, -15.6330, -8.5370

# Conversions

## Conversions Part 2

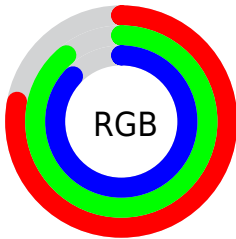
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 215, 228
Decimal	13034717
CIELab	88.31, -11.20, 0.09
CIELCh	88, 11.196, 179.530
Yxy	72.7166, 0.2969, 0.3369
Android (android.graphics.Color)	4291224797 (0xFFC6E4DD)
YUV	218.2320, 1.3646, -17.7435
Hunter-Lab	85.2740, -15.0945, 4.7259

# Details

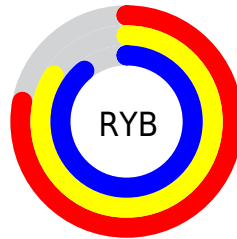
The YIQ color  $218.2320, -15.6330, -8.5370$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $207.7680, 15.6330, 8.5370$ , and the grayscale version is  $218.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $163.5310, -15.0370, -8.3250$  is the 20% darker color. If you saturate the color by 10%, you get  $210.7850, -27.7360, -14.9680$ , and if you desaturate by 10%, it is  $225.6790, -3.5300, -2.1060$ .

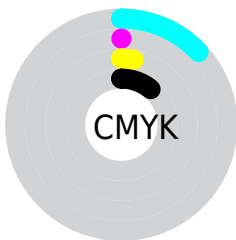
# Distribution



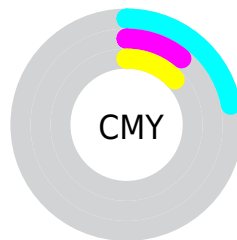
- Red (78%)
- Green (89%)
- Blue (87%)



- Red (78%)
- Yellow (84%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 218.2320, -15.6330, -8.5370 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 218.2320, -15.6330, -8.5370 by changing the saturation by 10% instead.



■ 218.2320,  
-15.6330, -8.5370

■ 218.2320,  
-15.6330, -8.5370

255.0000, -0.0000,  
-0.0000

■ 190.5310,  
-15.0370, -8.3250

■ 163.5310,  
-15.0370, -8.3250

■ 136.9440,  
-14.7620, -7.8020

■ 111.2430,  
-14.1660, -7.5900

■ 86.6560, -13.8910,  
-7.0670

■ 63.5420, -13.5700,  
-7.3780

■ 40.9550, -13.2950,

-6.8550

■ 19.4710, -14.8080,  
-6.9680

■ 0.0000, 0.0000,  
0.0000

■ 218.2320,  
-15.6330, -8.5370

■ 218.2320,  
-15.6330, -8.5370

■ 210.7850,  
-27.7360, -14.9680

■ 225.6790, -3.5300,  
-2.1060

■ 203.2240,  
-39.5180, -21.7100

■ 233.2400, 8.2520,  
4.6360

■ 196.0760,  
-51.0250, -27.9290

■ 237.0990, 13.2030,  
8.5230

■ 188.6290,  
-63.1280, -34.3600

■ 237.6690, 11.5980,  
10.0780

■ 181.0680,  
-74.9100, -41.1020

■ 238.3530, 9.6720,  
11.9440

■ 173.6210,  
-87.0130, -47.5330

■ 238.9230, 8.0670,  
13.4990

■ 166.1740,  
-99.1160, -53.9640

■ 239.1510, 7.4250,  
14.1210

■ 158.9120,  
-110.3020, -60.4940

■ 153.7860,  
-118.8750, -64.8190

# Harmonies

## Analogous

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



219.0820, -6.4630, -9.5270



218.2320, -15.6330, -8.5370



218.5890, -20.9520, -5.7520

# Triad

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



218.2320, -15.6330, -8.5370



222.8890, -3.7610, 7.5910



222.3950, 17.8810, 0.8330

# Complementary

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



218.2320, -15.6330, -8.5370



207.7680, 15.6330, 8.5370

# 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.



223.6280, 18.8430, 5.4270



218.2320, -15.6330, -8.5370



223.9180, 6.4630, 9.5270

# Square

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



218.2320, -15.6330, -8.5370



220.8060, -13.8930, 3.9870



224.1700, 14.4410, 8.1130



221.5960, 12.7010, -4.4110



# Rectangle

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



218.2320, -15.6330, -8.5370



218.8820, -20.2190, -2.5150



224.1700, 14.4410, 8.1130



222.6340, 18.7060, 2.4020

# Sweetspot

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



218.2320, -15.6330, -8.5370



251.7820, -5.3180, -2.7420



217.7030, -4.0780, -14.2060



125.6790, -3.5300, -2.1060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

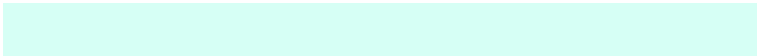


# Same Dimension

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



218.2320, -15.6330, -8.5370



241.6010, -21.2260, -11.8020



214.9210, -15.9550, -2.6990



111.0700, -6.1890, -3.4770



120.6910, -93.2020, -51.0100



34.3830, -26.5440, -14.5440



# Inverse Universe

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



207.7680, 15.6330, 8.5370



227.3990, 21.2260, 11.8020



211.0790, 15.9550, 2.6990



106.9300, 6.1890, 3.4770



58.3090, 93.2020, 51.0100

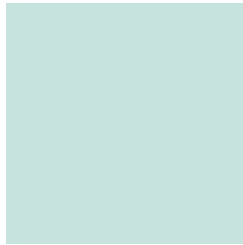


16.6170, 26.5440, 14.5440



# Previews

## White Background



This preview shows how the YIQ color 218.2320, -15.6330, -8.5370 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 218.2320, -15.6330, -8.5370 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

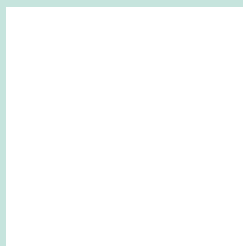
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 218.2320, -15.6330, -8.5370

## Background



This preview shows how black text looks on a background with the YIQ color 218.2320, -15.6330, -8.5370.



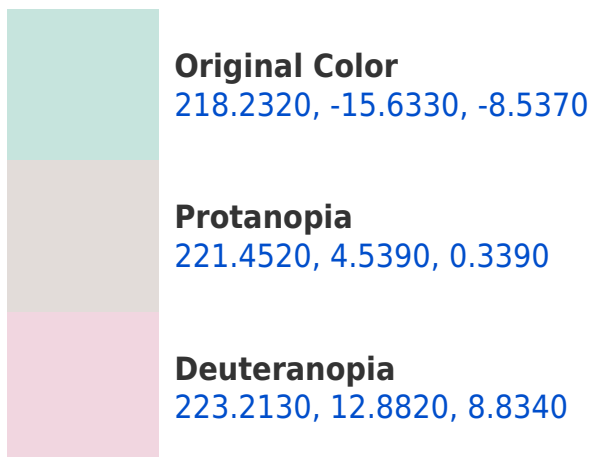
This preview shows how white text looks on a background with the YIQ color 218.2320, -15.6330, -8.5370.

-8.5370.

# 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

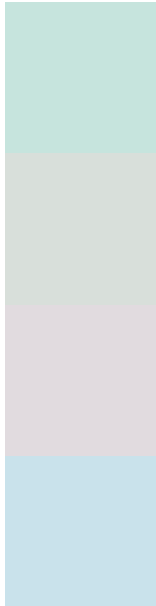




## Tritanopia

220.1750, -19.4860, 0.7220

# Trichromacy



## Original Color

218.2320, -15.6330, -8.5370

## Protanomaly

220.3370, -2.5670, -3.0390

## Deuteranomaly

221.2500, 2.2920, 2.5160

## Tritanomaly

219.5510, -17.7890, -2.5010

# Monochromacy



## Original Color

218.2320, -15.6330, -8.5370

## Achromatopsia

218.0000, -0.0000, 0.0000

## Achromatomaly

218.3690, -5.5930, -3.2650

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 218.2320, -15.6330, -8.5370 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(198, 228, 221)` looks like.

```
.text, #text, p{  
    color:rgb(198, 228, 221)  
}
```

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(198, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 228, 221) }
```

## Border

The CSS property to change the border of an element to YIQ 218.2320, -15.6330, -8.5370 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(198, 228, 221) }
```



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

```
.border{ border-color:rgb(198, 228, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 228, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 228, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 228, 221); box-shadow:4px 4px 4px 4px rgb(198, 228, 221) }
```

# Background

The CSS property to change the background color of an element to YIQ 218.2320, -15.6330, -8.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 228, 221) }
```

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

```
.background{ background-color: rgb(198,  
228, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor