

# Converting Colors

YIQ(225.0150, -13.5240,  
-8.2120)

Have a look what the booklet for  
YIQ(225.0150, -13.5240, -8.2120)  
contains.

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# Color

**YIQ(225.0150, -13.5240,  
-8.2120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFEAE2
RGB	207, 234, 226
RGB Percent	81%, 92%, 89%
CMY	0.1883, 0.0823, 0.1138
CMYK	0.12, 0.00, 0.03, 0.08
HSL	162°, 39%, 86%
HSV	162°, 12%, 92%
XYZ	68.8790, 77.6053, 83.2918
YIQ	225.0150, -13.5240, -8.2120

# Conversions

## Conversions Part 2

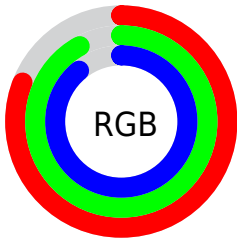
Format	Color
R <sub>Y</sub> B	207, 223, 234
Decimal	13626082
CIE Lab	90.60, -10.37, 0.88
CIE LCh	91, 10.408, 175.153
Yxy	77.6053, 0.2998, 0.3377
Android (android.graphics.Color)	4291816162 (0xFFCFEAE2)
YUV	225.0150, 0.4856, -15.7992
Hunter-Lab	88.0939, -14.5982, 5.6076

# Details

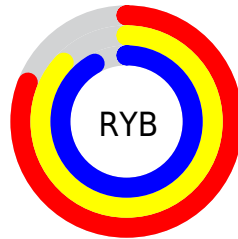
The YIQ color  $225.0150, -13.5240, -8.2120$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $215.9850, 13.5240, 8.2120$ , and the grayscale version is  $225.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $169.4280, -13.2490, -7.6890$  is the 20% darker color. If you saturate the color by 10%, you get  $217.3400, -24.9850, -15.2650$ , and if you desaturate by 10%, it is  $232.6900, -2.0630, -1.1590$ .

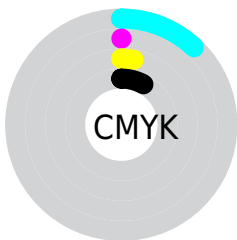
# Distribution



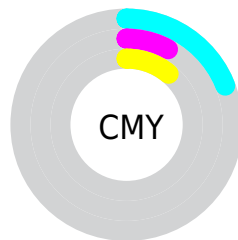
- Red (81%)
- Green (92%)
- Blue (89%)



- Red (81%)
- Yellow (87%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 225.0150, -13.5240, -8.2120 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 225.0150, -13.5240, -8.2120 by changing the saturation by 10% instead.



■ 225.0150,  
-13.5240, -8.2120

■ 225.0150,  
-13.5240, -8.2120

255.0000, -0.0000,  
-0.0000

■ 197.0150,  
-13.5240, -8.2120

■ 169.4280,  
-13.2490, -7.6890

■ 143.3140,  
-12.9280, -8.0000

■ 117.7270,  
-12.6530, -7.4770

■ 93.0260, -12.0570,  
-7.2650

■ 69.3250, -11.4610,  
-7.0530

■ 46.7380, -11.1860,

-6.5300

■ 25.1510, -10.9110,  
-6.0070

■ 2.3480, -1.1000,  
-2.0920

■ 225.0150,  
-13.5240, -8.2120

■ 225.0150,  
-13.5240, -8.2120

■ 217.3400,  
-24.9850, -15.2650

■ 232.6900, -2.0630,  
-1.1590

■ 209.3660,  
-37.0420, -22.5300

■ 240.6640, 9.9940,  
6.1060

■ 201.6910,  
-48.5030, -29.5830

■ 241.7610, 8.3430,  
8.4950

■ 193.7170,  
-60.5600, -36.8480

■ 242.5590, 6.0960,  
10.6720

■ 186.0420,  
-72.0210, -43.9010

■ 242.6730, 5.7750,  
10.9830

■ 178.3670,  
-83.4820, -50.9540

■ 170.3930,  
-95.5390, -58.2190

■ 162.7180,  
-107.0000, -65.2720

■ 156.1680,  
-117.3150, -71.0670

# Harmonies

## Analogous

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



225.9790, -4.6750, -8.8910



225.0150, -13.5240, -8.2120



225.2580, -18.5220, -5.7380

# Triad

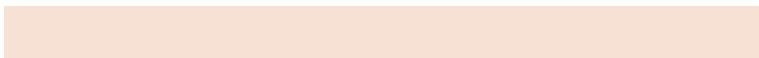
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.0150, -13.5240, -8.2120



228.8780, -5.2280, 6.6440



229.5090, 17.5600, 1.1440

# Complementary

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



225.0150, -13.5240, -8.2120



215.9850, 13.5240, 8.2120

# 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.



230.1440, 17.3300, 5.3140



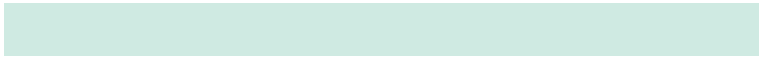
225.0150, -13.5240, -8.2120



230.0210, 4.6750, 8.8910

# Square

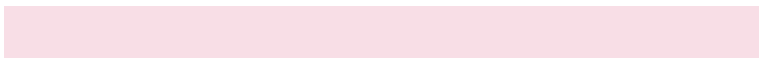
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



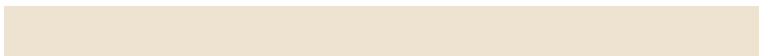
225.0150, -13.5240, -8.2120



227.2790, -13.8470, 3.1530



230.6860, 12.9280, 8.0000



228.1230, 12.6550, -3.5770



# Rectangle

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



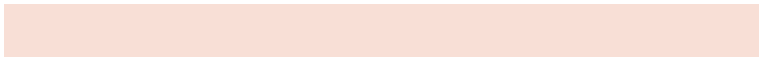
225.0150, -13.5240, -8.2120



225.6540, -19.5770, -3.1370



230.6860, 12.9280, 8.0000



229.4490, 17.7890, 2.5010

# Sweetspot

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



225.0150, -13.5240, -8.2120



252.3800, -4.1260, -2.3180



225.2410, -2.6570, -12.4250



125.9780, -2.9340, -1.8940



0.0000, 0.0000, 0.0000

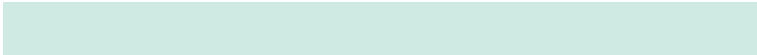


128.0000, -0.0000, -0.0000

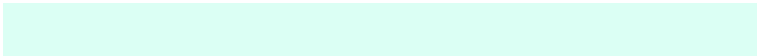


# Same Dimension

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



225.0150, -13.5240, -8.2120



242.9820, -17.9250, -11.0530



222.9920, -14.7170, -3.1090



113.3690, -5.5930, -3.2650



120.7250, -90.5420, -55.1660



36.0300, -27.0480, -16.4240



# Inverse Universe

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



215.9850, 13.5240, 8.2120



231.0180, 17.9250, 11.0530



218.0080, 14.7170, 3.1090



109.6310, 5.5930, 3.2650



60.2750, 90.5420, 55.1660



17.9700, 27.0480, 16.4240



# Previews

## White Background



This preview shows how the YIQ color 225.0150, -13.5240, -8.2120 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

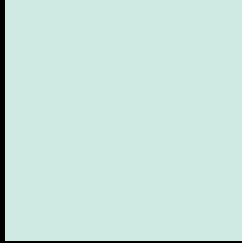
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 225.0150, -13.5240, -8.2120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

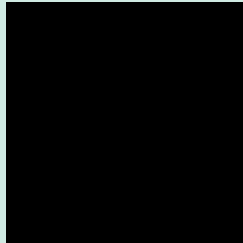
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

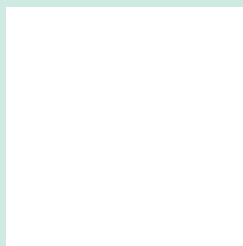
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 225.0150, -13.5240, -8.2120

## Background



This preview shows how black text looks on a background with the YIQ color 225.0150, -13.5240, -8.2120.



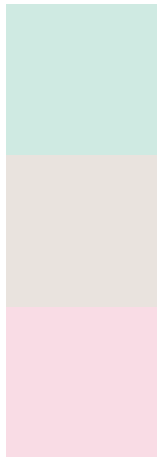
This preview shows how white text looks on a background with the YIQ color 225.0150, -13.5240, -8.2120.

-8.2120.

# 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

225.0150, -13.5240, -8.2120

### Protanopia

228.2240, 5.1810, -0.2830

### Deuteranopia

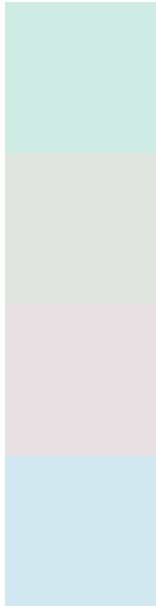
229.6970, 14.3950, 8.9470



## Tritanopia

227.0720, -17.6980, 1.3580

# Trichromacy



## Original Color

225.0150, -13.5240, -8.2120

## Protanomaly

227.4080, -1.3290, -3.4490

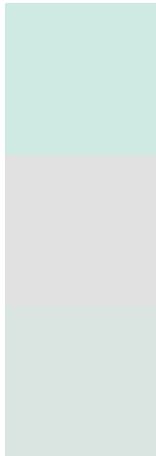
## Deuteranomaly

228.0330, 4.4010, 2.8410

## Tritanomaly

226.4480, -16.0010, -1.8650

# Monochromacy



## Original Color

225.0150, -13.5240, -8.2120

## Achromatopsia

225.0000, -0.0000, -0.0000

## Achromatomaly

224.6680, -4.9970, -3.0530

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 225.0150, -13.5240, -8.2120 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(207, 234, 226)` looks like.

```
.text, #text, p{  
    color:rgb(207, 234, 226)  
}
```

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(207, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 234, 226) }
```

## Border

The CSS property to change the border of an element to YIQ 225.0150, -13.5240, -8.2120 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(207, 234, 226) }
```



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

```
.border{ border-color:rgb(207, 234, 226) }
```

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

Here you see how a box with a 4 pixel rgb(207, 234, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(207, 234,  
226) }
```

# Background

The CSS property to change the background color of an element to YIQ 225.0150, -13.5240, -8.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 234, 226) }
```

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

```
.background{ background-color: rgb(207,  
234, 226) }
```

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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