

Converting Colors

YIQ(231.3320, -13.3390,
-17.0750)

Have a look what the booklet for
YIQ(231.3320, -13.3390, -17.0750)
contains.

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Color

**YIQ(231.3320, -13.3390,
-17.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	D0F6D9
RGB	208, 246, 217
RGB Percent	82%, 96%, 85%
CMY	0.1844, 0.0352, 0.1490
CMYK	0.15, 0.00, 0.12, 0.04
HSL	134°, 68%, 89%
HSV	134°, 15%, 96%
XYZ	71.4886, 84.3364, 78.1511
YIQ	231.3320, -13.3390, -17.0750

Conversions

Conversions Part 2

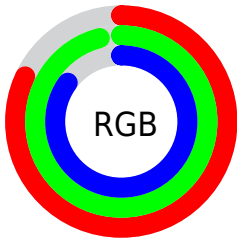
Format	Color
RYB	208, 239, 246
Decimal	13694681
CIELab	93.60, -17.69, 9.89
CIELCh	94, 20.264, 150.787
Yxy	84.3364, 0.3055, 0.3604
Android (android.graphics.Color)	4291884761 (0xFFD0F6D9)
YUV	231.3320, -7.0657, -20.4622
Hunter-Lab	91.8349, -21.7582, 13.8289

Details

The YIQ color $231.3320, -13.3390, -17.0750$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $222.6680, 13.3390, 17.0750$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.7450, -13.0640, -16.5520$ is the 20% darker color. If you saturate the color by 10%, you get $221.6910, -22.1400, -28.2840$, and if you desaturate by 10%, it is $240.9730, -4.5380, -5.8660$.

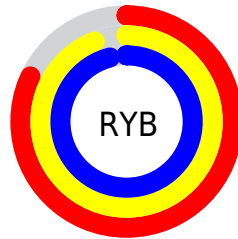
Distribution



Red (82%)

Green (96%)

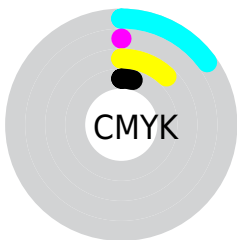
Blue (85%)



Red (82%)

Yellow (94%)

Blue (96%)

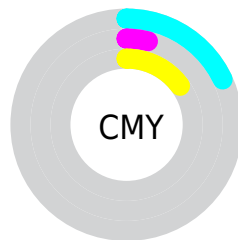


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (4%)



Cyan (18%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.3320, -13.3390, -17.0750 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 231.3320, -13.3390, -17.0750 by changing the saturation by 10% instead.

■ 231.3320,
-13.3390, -17.0750

■ 231.3320,
-13.3390, -17.0750

255.0000, -0.0000,
-0.0000

■ 202.7450,
-13.0640, -16.5520

■ 175.7450,
-13.0640, -16.5520

■ 149.1580,
-12.7890, -16.0290

■ 122.9840,
-12.2390, -14.9830

■ 97.9840, -12.2390,
-14.9830

■ 73.8100, -11.6890,
-13.9370

■ 50.9240, -12.0100,

-13.6260

■ 28.7390, -12.9270,
-13.5270

■ 12.3270, -5.7750,
-10.9830

■ 231.3320,
-13.3390, -17.0750

■ 231.3320,
-13.3390, -17.0750

■ 221.6910,
-22.1400, -28.2840

■ 240.9730, -4.5380,
-5.8660

■ 212.3490,
-30.3450, -39.2810

■ 249.7170, 2.4750,
4.7070

■ 202.8220,
-39.4670, -50.1790

■ 193.4800,
-47.6720, -61.1760

■ 183.8390,
-56.4730, -72.3850

■ 174.1980,
-65.2740, -83.5940

■ 164.9700,
-73.8000, -94.2800

■ 155.3290,
-82.6010, -105.4890

■ 151.0140,
-86.2680, -110.6200

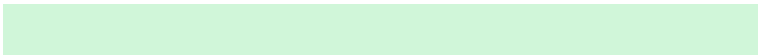
Harmonies

Analogous

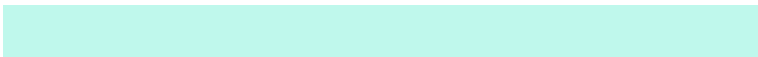
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.9660, 5.3670, -14.6730



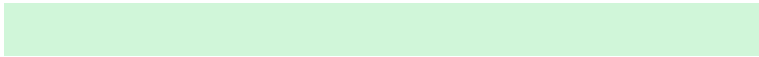
231.3320, -13.3390, -17.0750



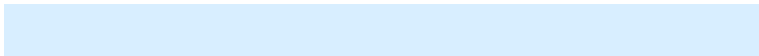
229.5890, -30.1200, -15.8160

Triad

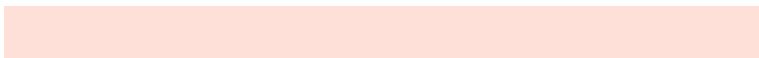
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.3320, -13.3390, -17.0750



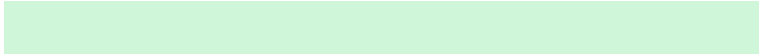
233.3600, -18.5690, 0.6230



232.4710, 20.7230, 4.3950

Complementary

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



231.3320, -13.3390, -17.0750



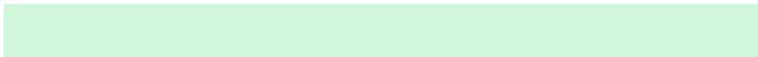
222.6680, 13.3390, 17.0750

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.



234.1640, 14.5780, 11.1380



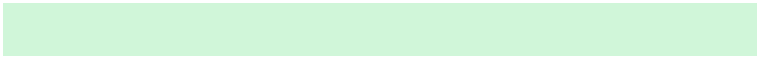
231.3320, -13.3390, -17.0750



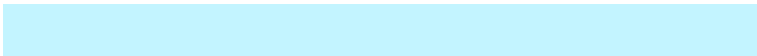
236.7260, -1.7440, 9.5840

Square

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



231.3320, -13.3390, -17.0750



230.6030, -32.7350, -6.9670



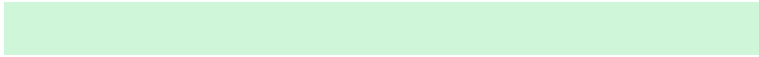
237.9770, 7.9750, 15.1670



233.8100, 23.8420, -2.5740

Rectangle

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



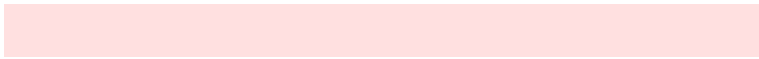
231.3320, -13.3390, -17.0750



229.6900, -37.5940, -12.5220



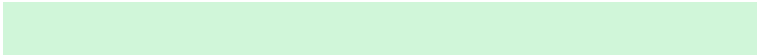
237.9770, 7.9750, 15.1670



233.2690, 18.4760, 6.5720

Sweetspot

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



231.3320, -13.3390, -17.0750



249.9730, -4.5380, -5.8660



238.9770, 6.8340, -13.7260



124.9240, -2.8420, -3.5620



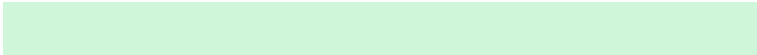
0.0000, 0.0000, 0.0000



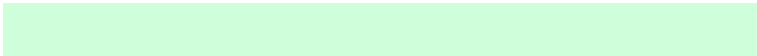
128.0000, -0.0000, -0.0000

Same Dimension

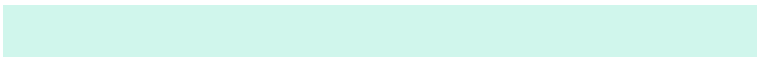
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.3320, -13.3390, -17.0750



236.4300, -16.7310, -21.6830



233.4980, -19.4380, -11.1660



117.3860, -4.2630, -5.3430



114.1980, -65.2740, -83.5940



36.2290, -20.7190, -26.5030

Inverse Universe

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



222.6680, 13.3390, 17.0750



225.5700, 16.7310, 21.6830



220.5020, 19.4380, 11.1660



114.6140, 4.2630, 5.3430



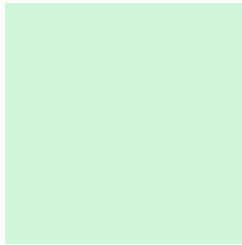
71.8020, 65.2740, 83.5940



22.7710, 20.7190, 26.5030

Previews

White Background



This preview shows how the YIQ color 231.3320, -13.3390, -17.0750 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 231.3320, -13.3390, -17.0750 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

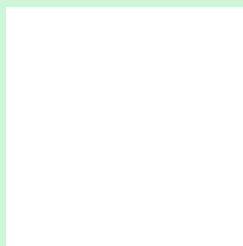
Any Text WCAG AAA ✓ Pass

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

YIQ 231.3320, -13.3390, -17.0750 Background



This preview shows how black text looks on a background with the YIQ color 231.3320, -13.3390, -17.0750.



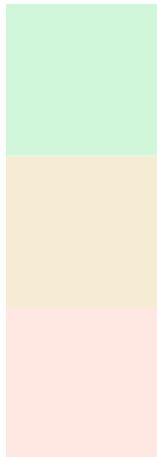
This preview shows how white text looks on a background with the YIQ color 231.3320, -13.3390, -17.0750.

-17.0750.

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**

231.3320, -13.3390, -17.0750

Protanopia

235.5530, 14.2600, -5.1320

Deuteranopia

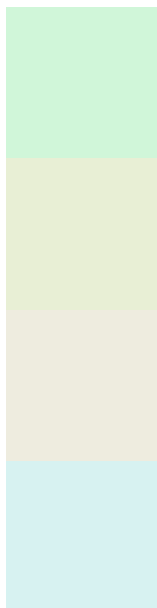
237.6060, 15.9090, 3.5330



Tritanopia

234.8440, -17.0560, 0.7360

Trichromacy



Original Color

231.3320, -13.3390, -17.0750

Protanomaly

233.9430, 4.1740, -9.5700

Deuteranomaly

235.1160, 5.3650, -3.6190

Tritanomaly

233.8130, -15.7710, -6.0350

Monochromacy



Original Color

231.3320, -13.3390, -17.0750

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.3320, -13.3390, -17.0750 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(208, 246, 217)` looks like.

```
.text, #text, p{  
    color:rgb(208, 246, 217)  
}
```

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(208, 246, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 246, 217) }
```

Border

The CSS property to change the border of an element to YIQ 231.3320, -13.3390, -17.0750 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(208, 246, 217) }
```


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

```
.border{ border-color:rgb(208, 246, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 246, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 246, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 246, 217);  
box-shadow:4px 4px 4px 4px rgb(208, 246,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 231.3320, -13.3390, -17.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 246, 217) }
```

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

```
.background{ background-color: rgb(208,  
246, 217) }
```

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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