

Converting Colors

YIQ(230.8280, -2.9320,
-12.9480)

Have a look what the booklet for
YIQ(230.8280, -2.9320, -12.9480)
contains.

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Color

**YIQ(230.8280, -2.9320,
-12.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF0D4
RGB	220, 240, 212
RGB Percent	86%, 94%, 83%
CMY	0.1373, 0.0588, 0.1686
CMYK	0.08, 0.00, 0.12, 0.06
HSL	103°, 48%, 89%
HSV	103°, 12%, 94%
XYZ	72.5567, 82.2917, 74.3488
YIQ	230.8280, -2.9320, -12.9480

Conversions

Conversions Part 2

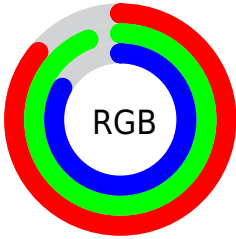
Format	Color
R _Y B	212, 240, 232
Decimal	14479572
CIE Lab	92.70, -11.58, 11.30
CIE LCh	93, 16.185, 135.705
Yxy	82.2917, 0.3166, 0.3590
Android (android.graphics.Color)	4292669652 (0xFFDC F0D4)
YUV	230.8280, -9.2822, -9.4962
Hunter-Lab	90.7148, -15.9806, 14.9070

Details

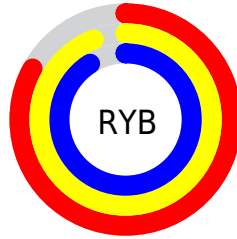
The YIQ color $230.8280, -2.9320, -12.9480$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $221.1720, 2.9320, 12.9480$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.2410, -2.6570, -12.4250$ is the 20% darker color. If you saturate the color by 10%, you get $223.0090, -5.3600, -24.0160$, and if you desaturate by 10%, it is $238.6470, -0.5040, -1.8800$.

Distribution



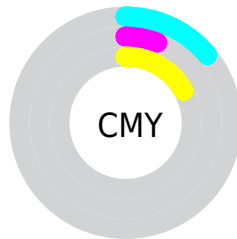
- Red (86%)
- Green (94%)
- Blue (83%)



- Red (83%)
- Yellow (94%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.8280, -2.9320, -12.9480 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 230.8280, -2.9320, -12.9480 by changing the saturation by 10% instead.

■ 230.8280, -2.9320,
-12.9480

■ 230.8280, -2.9320,
-12.9480

255.0000, -0.0000,
-0.0000

■ 202.8280, -2.9320,
-12.9480

■ 175.2410, -2.6570,
-12.4250

■ 148.3550, -2.9780,
-12.1140

■ 122.7680, -2.7030,
-11.5910

■ 97.8820, -3.0240,
-11.2800

■ 74.2950, -2.7490,
-10.7570

■ 51.4090, -3.0700,

-10.4460

■ 30.1210, -2.1990,
-9.7110

■ 9.9790, -4.6750,
-8.8910

■ 230.8280, -2.9320,
-12.9480

■ 230.8280, -2.9320,
-12.9480

■ 223.0090, -5.3600,
-24.0160

■ 238.6470, -0.5040,
-1.8800

■ 215.1900, -7.7880,
-35.0840

■ 245.8960, 3.5290,
7.6330

■ 207.0720,
-10.8120, -46.3640

■ 246.1950, 4.1250,
7.8450

■ 199.2530,
-13.2400, -57.4320

■ 191.4340,
-15.6680, -68.5000

■ 183.6150,
-18.0960, -79.5680

■ 175.7960,
-20.5240, -90.6360

■ 167.9770,
-22.9520, -101.7040

■ 161.2120,
-25.4720, -111.1040

Harmonies

Analogous

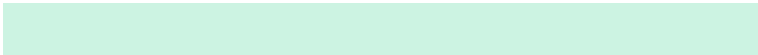
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.9500, 11.4640, -9.5280



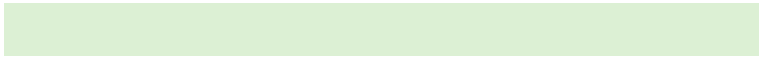
230.8280, -2.9320, -12.9480



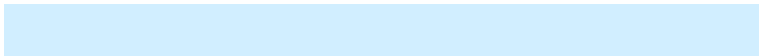
229.4010, -17.7870, -13.5550

Triad

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



230.8280, -2.9320, -12.9480



231.2670, -22.7410, -0.8610



233.4970, 17.8340, 7.1940

Complementary

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



230.8280, -2.9320, -12.9480



221.1720, 2.9320, 12.9480

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.



235.3210, 12.6980, 12.1700



230.8280, -2.9320, -12.9480



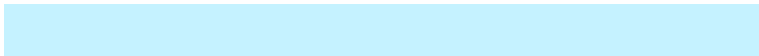
234.0130, -10.0420, 5.7820

Square

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



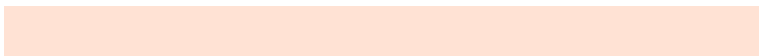
230.8280, -2.9320, -12.9480



230.0270, -30.9930, -5.4970



236.7590, 2.6570, 12.4250



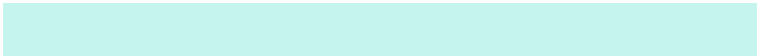
233.0750, 21.7780, 1.7940

Rectangle

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



230.8280, -2.9320, -12.9480



228.5620, -25.4900, -11.6180



236.7590, 2.6570, 12.4250



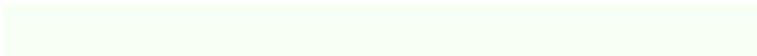
233.5940, 16.1830, 9.5830

Sweetspot

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



230.8280, -2.9320, -12.9480



251.7670, -0.9620, -4.5940



232.1120, 11.1880, -4.5240



125.7070, -0.7330, -3.2370



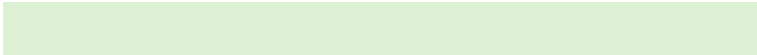
0.0000, 0.0000, 0.0000



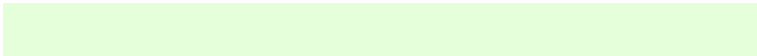
128.0000, -0.0000, -0.0000

Same Dimension

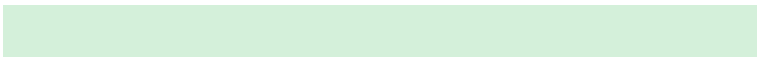
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.8280, -2.9320, -12.9480



243.1220, -3.9400, -16.7080



229.1200, -9.6260, -12.7780



115.9410, -1.5120, -5.6400



123.5560, -19.6080, -85.2080



37.6560, -5.8640, -25.8960

Inverse Universe

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



221.1720, 2.9320, 12.9480



230.8780, 3.9400, 16.7080



222.8800, 9.6260, 12.7780



111.7600, 0.9160, 5.4280



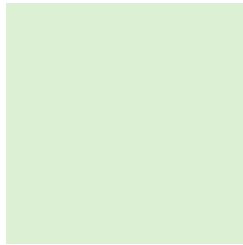
60.1450, 19.0120, 84.9960



18.3440, 5.8640, 25.8960

Previews

White Background



This preview shows how the YIQ color 230.8280, -2.9320, -12.9480 looks on a white background.

Color Contrast Check

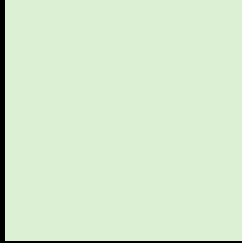
Large Text (above 18pt) WCAG AA × Fail

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 230.8280, -2.9320, -12.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

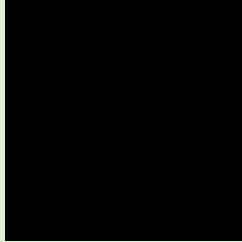
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

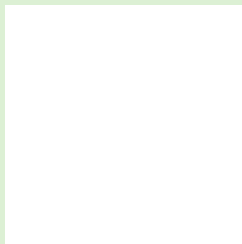
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.8280, -2.9320, -12.9480

Background



This preview shows how black text looks on a background with the YIQ color 230.8280, -2.9320, -12.9480.



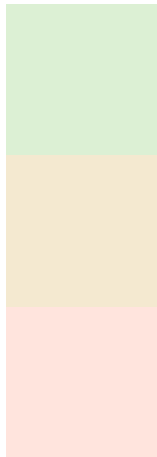
This preview shows how white text looks on a background with the YIQ color 230.8280, -2.9320,

-12.9480.

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

230.8280, -2.9320, -12.9480

Protanopia

233.4390, 14.5810, -5.4430

Deuteranopia

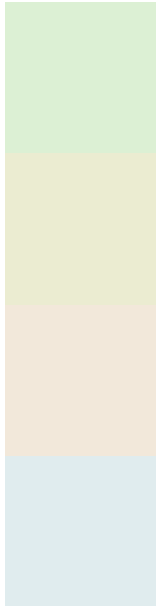
235.2750, 18.3390, 3.5470



Tritanopia

233.7740, -10.8670, 4.2130

Trichromacy



Original Color

230.8280, -2.9320, -12.9480

Protanomaly

232.6230, 8.0710, -8.6090

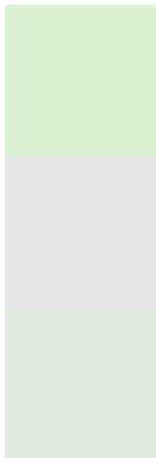
Deuteranomaly

233.3940, 10.4540, -2.2340

Tritanomaly

232.6400, -7.7940, -1.9220

Monochromacy



Original Color

230.8280, -2.9320, -12.9480

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.7670, -0.9620, -4.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.8280, -2.9320, -12.9480 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(220, 240, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 240, 212)  
}
```

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(220, 240, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 240, 212) }
```

Border

The CSS property to change the border of an element to YIQ 230.8280, -2.9320, -12.9480 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(220, 240, 212) }
```


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

```
.border{ border-color:rgb(220, 240, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 240, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 240, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 240, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 240,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 230.8280, -2.9320, -12.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 240, 212) }
```

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

```
.background{ background-color: rgb(220,  
240, 212) }
```

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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