

Converting Colors

YIQ(224.9070, -13.3400,
-11.5480)

Have a look what the booklet for
YIQ(224.9070, -13.3400, -11.5480)
contains.

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Color

**YIQ(224.9070, -13.3400,
-11.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	CDECDC
RGB	205, 236, 220
RGB Percent	80%, 93%, 86%
CMY	0.1962, 0.0744, 0.1373
CMYK	0.13, 0.00, 0.07, 0.07
HSL	149°, 45%, 86%
HSV	149°, 13%, 93%
XYZ	68.0870, 78.1412, 79.1972
YIQ	224.9070, -13.3400, -11.5480

Conversions

Conversions Part 2

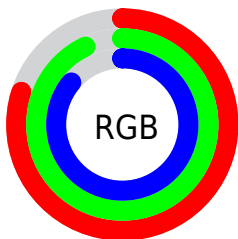
Format	Color
R _Y B	205, 226, 236
Decimal	13495516
CIE Lab	90.84, -13.15, 4.35
CIE LCh	91, 13.854, 161.703
Yxy	78.1412, 0.3020, 0.3466
Android (android.graphics.Color)	4291685596 (0xFFCDECDC)
YUV	224.9070, -2.4192, -17.4584
Hunter-Lab	88.3975, -17.2084, 8.7591

Details

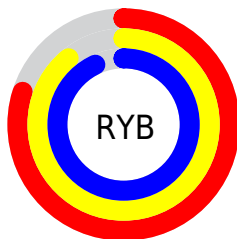
The YIQ color **224.9070, -13.3400, -11.5480** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **216.0930, 13.3400, 11.5480**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **169.6190, -12.4690, -10.8130** is the 20% darker color. If you saturate the color by 10%, you get **216.3630, -23.7920, -20.3680**, and if you desaturate by 10%, it is **233.4510, -2.8880, -2.7280**.

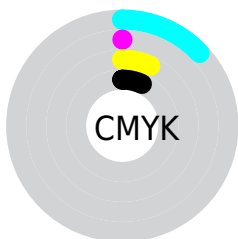
Distribution



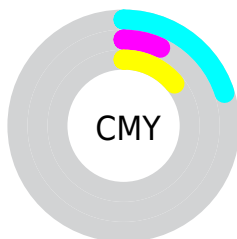
- Red (80%)
- Green (93%)
- Blue (86%)



- Red (80%)
- Yellow (89%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.9070, -13.3400, -11.5480 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 224.9070, -13.3400, -11.5480 by changing the saturation by 10% instead.

■ 224.9070,
-13.3400, -11.5480

■ 224.9070,
-13.3400, -11.5480

255.0000, -0.0000,
-0.0000

■ 196.9070,
-13.3400, -11.5480

■ 169.6190,
-12.4690, -10.8130

■ 142.7330,
-12.7900, -10.5020

■ 117.0320,
-12.1940, -10.2900

■ 92.4450, -11.9190,
-9.7670

■ 68.7440, -11.3230,
-9.5550

■ 46.1570, -11.0480,

-9.0320

■ 24.9720, -11.9650,
-8.9330

■ 3.5220, -1.6500,
-3.1380

■ 224.9070,
-13.3400, -11.5480

■ 224.9070,
-13.3400, -11.5480

■ 216.3630,
-23.7920, -20.3680

■ 233.4510, -2.8880,
-2.7280

■ 208.1180,
-33.6480, -28.9760

■ 241.6960, 6.9680,
5.8800

■ 199.4600,
-43.7790, -38.1070

■ 243.8470, 5.2250,
9.9370

■ 191.2150,
-53.6350, -46.7150

■ 182.6710,
-64.0870, -55.5350

■ 174.1270,
-74.5390, -64.3550

■ 165.8820,
-84.3950, -72.9630

■ 157.2240,
-94.5260, -82.0940

■ 151.5280,
-101.4940, -87.9740

Harmonies

Analogous

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



226.0780, -0.6400, -10.4320



224.9070, -13.3400, -11.5480



224.6980, -22.8770, -9.4130

Triad

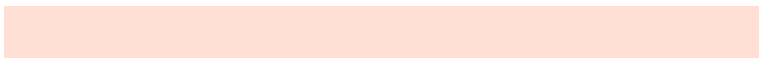
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.9070, -13.3400, -11.5480



228.9850, -12.8390, 6.9130



230.7270, 22.8780, 3.8860

Complementary

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



224.9070, -13.3400, -11.5480



216.0930, 13.3400, 11.5480

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.



230.9210, 19.5760, 8.6640



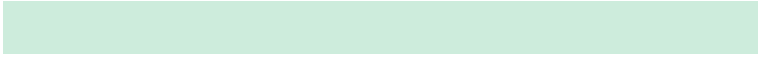
224.9070, -13.3400, -11.5480



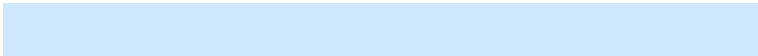
231.0360, 0.3190, 10.7430

Square

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



224.9070, -13.3400, -11.5480



226.7340, -22.5580, 1.3300



231.7940, 12.7440, 11.3360



229.4830, 20.4490, -1.6550

Rectangle

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



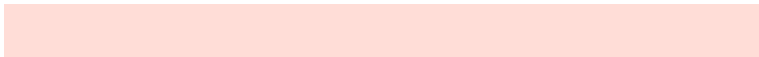
224.9070, -13.3400, -11.5480



224.7240, -25.7660, -6.6140



231.7940, 12.7440, 11.3360



230.4820, 22.1900, 5.3420

Sweetspot

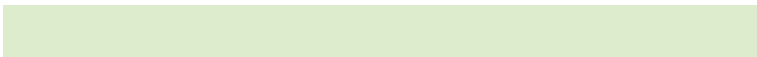
The Sweet Spot groups the original color and five complimentary colors.



224.9070, -13.3400, -11.5480



251.4400, -4.3550, -3.6750



227.9810, 1.0110, -12.8210



125.4510, -2.8880, -2.7280



0.0000, 0.0000, 0.0000



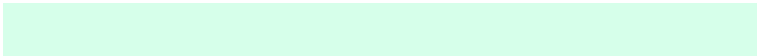
128.0000, -0.0000, -0.0000

Same Dimension

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



224.9070, -13.3400, -11.5480



240.3470, -17.6950, -15.2230



226.7310, -18.4760, -6.5720



113.0270, -4.6300, -4.1980



116.2790, -78.0230, -67.2950



34.6620, -23.1960, -20.1560

Inverse Universe

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



216.0930, 13.3400, 11.5480



228.6530, 17.6950, 15.2230



214.2690, 18.4760, 6.5720



109.9730, 4.6300, 4.1980



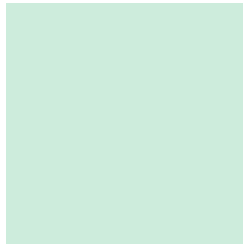
64.7210, 78.0230, 67.2950



19.3380, 23.1960, 20.1560

Previews

White Background



This preview shows how the YIQ color 224.9070, -13.3400, -11.5480 looks on a white background.

Color Contrast Check

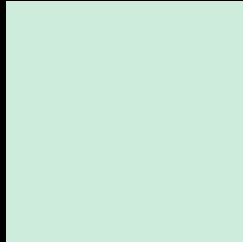
Large Text (above 18pt) WCAG AA × Fail

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 224.9070, -13.3400, -11.5480 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

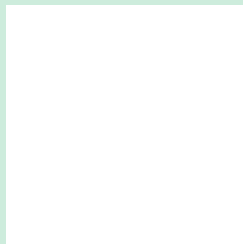
Any Text WCAG AAA ✓ Pass

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

YIQ 224.9070, -13.3400, -11.5480 Background



This preview shows how black text looks on a background with the YIQ color 224.9070, -13.3400, -11.5480.



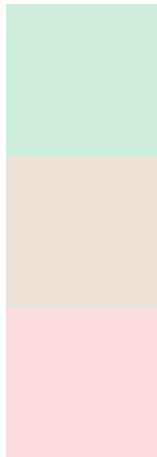
This preview shows how white text looks on a background with the YIQ color 224.9070, -13.3400, -11.5480.

-11.5480.

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

224.9070, -13.3400, -11.5480

Protanopia

228.0240, 8.6200, -2.0360

Deuteranopia

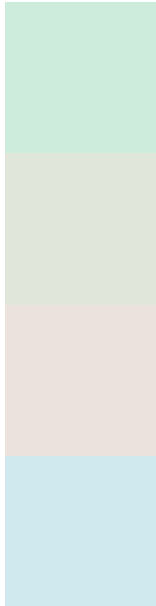
230.4970, 17.8340, 7.1940



Tritanopia

227.4740, -18.8900, 0.9340

Trichromacy



Original Color

224.9070, -13.3400, -11.5480

Protanomaly

226.7240, 0.5970, -5.3150

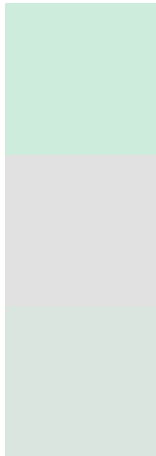
Deuteranomaly

228.2350, 6.6480, 0.6640

Tritanomaly

226.2090, -16.8260, -3.4340

Monochromacy



Original Color

224.9070, -13.3400, -11.5480

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.0270, -4.6300, -4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.9070, -13.3400, -11.5480 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(205, 236, 220)` looks like.

```
.text, #text, p{  
    color:rgb(205, 236, 220)  
}
```

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(205, 236, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 236, 220) }
```

Border

The CSS property to change the border of an element to YIQ 224.9070, -13.3400, -11.5480 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(205, 236, 220) }
```


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

```
.border{ border-color:rgb(205, 236, 220) }
```

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

Here you see how a box with a 4 pixel rgb(205, 236, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 236, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 236, 220);  
box-shadow:4px 4px 4px 4px rgb(205, 236,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 224.9070, -13.3400, -11.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 236, 220) }
```

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

```
.background{ background-color: rgb(205,  
236, 220) }
```

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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