

Converting Colors

YIQ(238.5070, -6.4620,
-15.0540)

Have a look what the booklet for
YIQ(238.5070, -6.4620, -15.0540)
contains.

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Color

**YIQ(238.5070, -6.4620,
-15.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFADC
RGB	223, 250, 220
RGB Percent	87%, 98%, 86%
CMY	0.1256, 0.0195, 0.1372
CMYK	0.11, 0.00, 0.12, 0.02
HSL	114°, 75%, 92%
HSV	114°, 12%, 98%
XYZ	77.5322, 89.2301, 80.8465
YIQ	238.5070, -6.4620, -15.0540

Conversions

Conversions Part 2

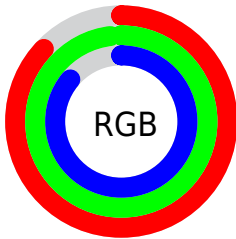
Format	Color
R _Y B	220, 250, 247
Decimal	14678748
CIE _{Lab}	95.68, -14.18, 11.44
CIE _{LCh}	96, 18.223, 141.110
Y _{xy}	89.2301, 0.3131, 0.3604
Android (android.graphics.Color)	4292868828 (0xFFDFFADC)
YUV	238.5070, -9.1240, -13.5996
Hunter-Lab	94.4617, -18.7988, 15.3789

Details

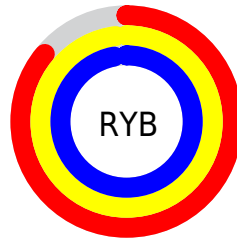
The YIQ color $238.5070, -6.4620, -15.0540$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $231.4930, 6.4620, 15.0540$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.3330, -5.9120, -14.0080$ is the 20% darker color. If you saturate the color by 10%, you get $228.7800, -12.1450, -27.7050$, and if you desaturate by 10%, it is $248.2340, -0.7790, -2.4030$.

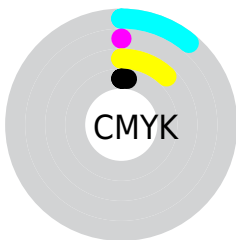
Distribution



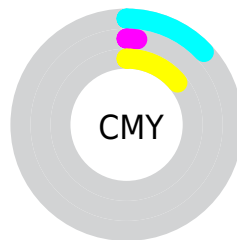
- Red (87%)
- Green (98%)
- Blue (86%)



- Red (86%)
- Yellow (98%)
- Blue (97%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 238.5070, -6.4620, -15.0540 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 238.5070, -6.4620, -15.0540 by changing the saturation by 10% instead.

 238.5070, -6.4620,
-15.0540

 238.5070, -6.4620,
-15.0540

255.0000, -0.0000,
-0.0000


 209.9200, -6.1870,
-14.5310

 182.9200, -6.1870,
-14.5310

 155.4470, -6.2330,
-13.6970

 129.4470, -6.2330,
-13.6970

 104.2730, -5.6830,
-12.6510

 80.2730, -5.6830,
-12.6510

 56.8000, -5.7290,

-11.8170

■ 35.2130, -5.4540,
-11.2940

■ 14.0880, -6.6000,
-12.5520

■ 238.5070, -6.4620,
-15.0540

■ 238.5070, -6.4620,
-15.0540

■ 228.7800,
-12.1450, -27.7050

■ 248.2340, -0.7790,
-2.4030

■ 219.3520,
-17.2320, -40.1440

■ 252.0650, 1.3750,
2.6150

■ 209.6250,
-22.9150, -52.7950

■ 200.1970,
-28.0020, -65.2340

■ 190.4700,
-33.6850, -77.8850

■ 181.0420,
-38.7720, -90.3240

■ 171.3150,
-44.4550, -102.9750

■ 161.8870,
-49.5420, -115.4140

■ 154.2250,
-53.8500, -125.4500

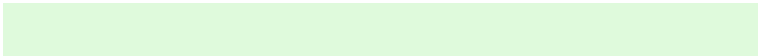
Harmonies

Analogous

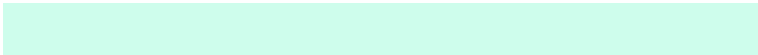
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.4120, 10.0430, -11.3090



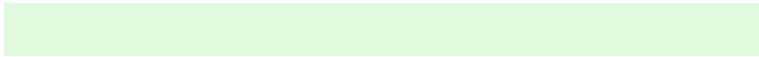
238.5070, -6.4620, -15.0540



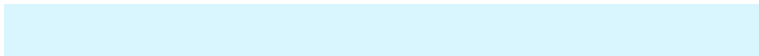
237.0090, -22.5550, -15.2510

Triad

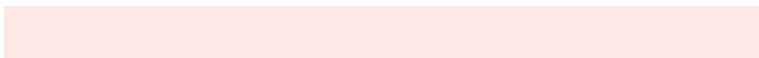
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.5070, -6.4620, -15.0540



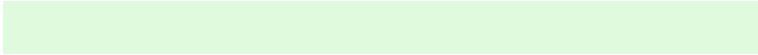
238.3550, -20.1730, -3.3490



238.1760, 14.3040, 5.0880

Complementary

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



238.5070, -6.4620, -15.0540



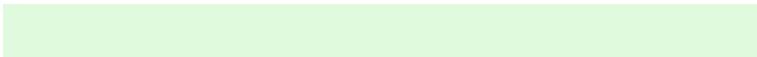
231.4930, 6.4620, 15.0540

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.



240.2280, 8.5260, 10.6860



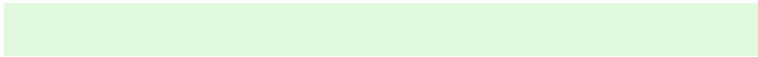
238.5070, -6.4620, -15.0540



241.4110, -5.4110, 4.4530

Square

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



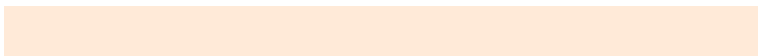
238.5070, -6.4620, -15.0540



235.9190, -30.8090, -8.8330



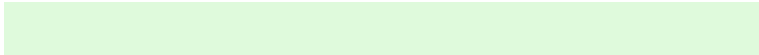
242.6730, 5.7750, 10.9830



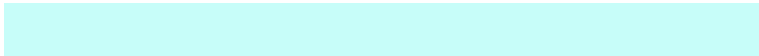
238.2270, 18.2940, -1.1460

Rectangle

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



238.5070, -6.4620, -15.0540



236.3980, -30.9000, -12.6920



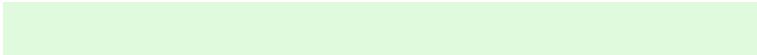
242.6730, 5.7750, 10.9830



238.1590, 12.9740, 7.1660

Sweetspot

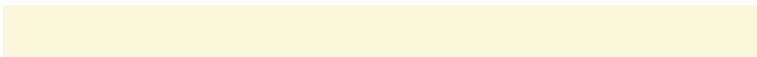
The Sweet Spot groups the original color and five complimentary colors.



238.5070, -6.4620, -15.0540



251.1690, -2.1540, -5.0180



244.8190, 10.4550, -7.7610



125.4080, -1.3290, -3.4490



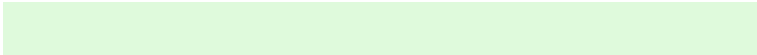
0.0000, 0.0000, 0.0000



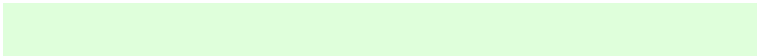
128.0000, -0.0000, -0.0000

Same Dimension

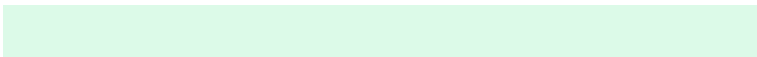
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.5070, -6.4620, -15.0540



241.3280, -7.5160, -17.9800



238.9780, -12.1020, -11.9580



120.2290, -2.3830, -6.3750



116.6240, -40.6510, -94.8190



37.6010, -13.1990, -30.6310

Inverse Universe

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



231.4930, 6.4620, 15.0540



232.6720, 7.5160, 17.9800



231.0220, 12.1020, 11.9580



117.0700, 2.9790, 6.5870



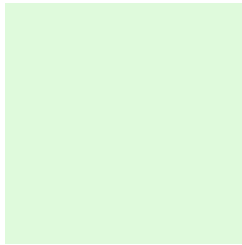
72.3760, 40.6510, 94.8190



23.3990, 13.1990, 30.6310

Previews

White Background



This preview shows how the YIQ color 238.5070, -6.4620, -15.0540 looks on a white background.

Color Contrast Check

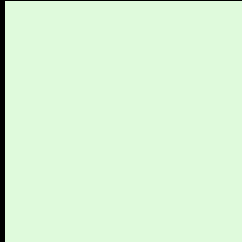
Large Text (above 18pt) WCAG AA × Fail

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 238.5070, -6.4620, -15.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

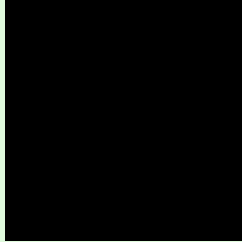
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

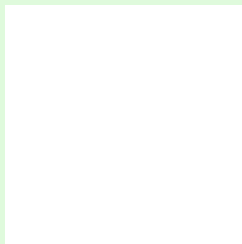
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.5070, -6.4620, -15.0540

Background



This preview shows how black text looks on a background with the YIQ color 238.5070, -6.4620, -15.0540.



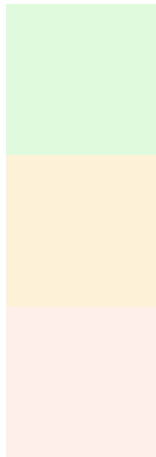
This preview shows how white text looks on a background with the YIQ color 238.5070, -6.4620, -15.0540.

-15.0540.

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

238.5070, -6.4620, -15.0540

Protanopia

241.7380, 15.1770, -5.2310

Deuteranopia

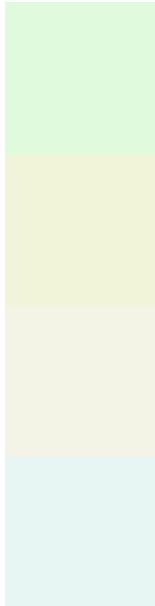
243.3280, 10.8200, 2.1480



Tritanopia

241.9760, -8.6200, 2.0360

Trichromacy



Original Color

238.5070, -6.4620, -15.0540

Protanomaly

240.3240, 7.4750, -8.8210

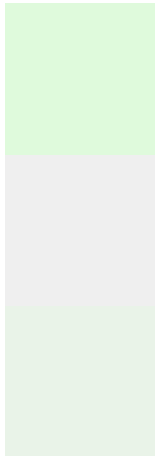
Deuteranomaly

241.5180, 4.1730, -4.0430

Tritanomaly

241.0590, -7.6560, -4.4240

Monochromacy



Original Color

238.5070, -6.4620, -15.0540

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.7560, -2.4290, -5.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.5070, -6.4620, -15.0540 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(223, 250, 220)` looks like.

```
.text, #text, p{  
    color:rgb(223, 250, 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(223, 250, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 250, 220) }
```

Border

The CSS property to change the border of an element to YIQ 238.5070, -6.4620, -15.0540 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(223, 250, 220) }
```


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

```
.border{ border-color:rgb(223, 250, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 250, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 250, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 250, 220);  
box-shadow:4px 4px 4px 4px rgb(223, 250,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 238.5070, -6.4620, -15.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 250, 220) }
```

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

```
.background{ background-color: rgb(223,  
250, 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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