

Converting Colors

YIQ(223.4150, -4.3480,
-42.3640)

Have a look what the booklet for
YIQ(223.4150, -4.3480, -42.3640)
contains.

YIQ(223.4150, -4.3480, -42.3640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(223.4150, -4.3480,
-42.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FC9C
RGB	193, 252, 156
RGB Percent	76%, 99%, 61%
CMY	0.2433, 0.0116, 0.3882
CMYK	0.23, 0.00, 0.38, 0.01
HSL	97°, 94%, 80%
HSV	97°, 38%, 99%
XYZ	62.7994, 83.3678, 44.2407
YIQ	223.4150, -4.3480, -42.3640

Conversions

Conversions Part 2

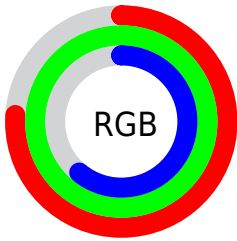
Format	Color
RYB	156, 252, 215
Decimal	12713116
CIELab	93.18, -35.10, 40.10
CIELCh	93, 53.289, 131.192
Yxy	83.3678, 0.3298, 0.4378
Android (android.graphics.Color)	4290903196 (0xFFC1FC9C)
YUV	223.4150, -33.2356, -26.6740
Hunter-Lab	91.3060, -37.0147, 35.1863

Details

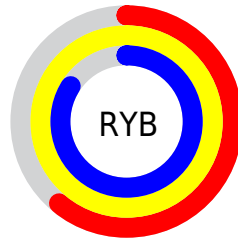
The YIQ color $223.4150, -4.3480, -42.3640$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $184.5850, 4.3480, 42.3640$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7880, 11.7400, -14.5320$, and $167.4690, -4.4400, -40.6960$ is the 20% darker color. If you saturate the color by 10%, you get $215.7810, -5.8590, -53.5310$, and if you desaturate by 10%, it is $230.7500, -3.4330, -31.4090$.

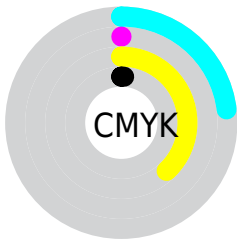
Distribution



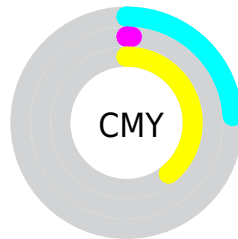
- Red (76%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (84%)



- Cyan (23%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)




- Cyan (24%)
- Magenta (1%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.4150, -4.3480, -42.3640 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 223.4150, -4.3480, -42.3640 by changing the saturation by 10% instead.


 223.4150, -4.3480,
-42.3640


 223.4150, -4.3480,
-42.3640

255.0000, -0.0000,
-0.0000

 194.9420, -4.3940,
-41.5300


 248.7880, 11.7400,
-14.5320


 167.1700, -5.0360,
-40.9080

 253.2900, 4.8150,
-4.6650

 140.6970, -5.0820,
-40.0740

 113.9250, -5.7240,
-39.4520

 88.0390, -6.0450,
-39.1410

 61.8000, -6.8700,
-40.7100

 38.7420, -18.1500,

-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 11.1530, -5.2250,
-9.9370

■ 223.4150, -4.3480,
-42.3640

■ 223.4150, -4.3480,
-42.3640

■ 215.7810, -5.8590,
-53.5310

■ 230.7500, -3.4330,
-31.4090

■ 208.4460, -6.7740,
-64.4860

■ 238.3840, -1.9220,
-20.2420

■ 200.6980, -7.9640,
-75.9640

■ 245.8330, -1.3280,
-8.9760

■ 193.3630, -8.8790,
-86.9190

■ 253.2390, 0.8250,
1.5690

■ 185.7290,
-10.3900, -98.0860

■ 178.3940,
-11.3050, -109.0410

■ 176.9270,
-11.4880, -111.2320

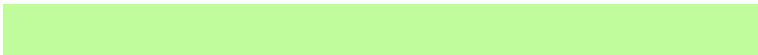
Harmonies

Analogous

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



229.9060, 39.9860, -30.8460



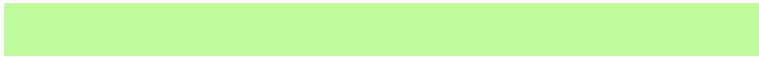
223.4150, -4.3480, -42.3640



209.9740, -60.1460, -44.3540

Triad

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



223.4150, -4.3480, -42.3640



201.5340, -99.3490, -33.2130



214.9750, 28.6520, 20.3960

Complementary

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



223.4150, -4.3480, -42.3640



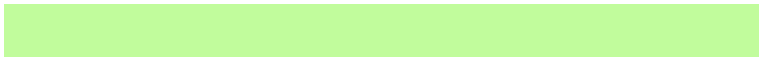
184.5850, 4.3480, 42.3640

Split Complementary

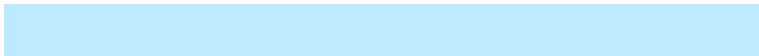
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1280, 15.4000, 29.2880



223.4150, -4.3480, -42.3640



223.2380, -32.9650, -2.7970

Square

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



223.4150, -4.3480, -42.3640



178.7550, -151.9800, -54.0600



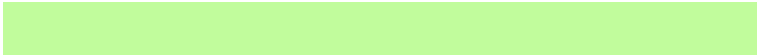
231.5200, 11.0000, 20.9200



215.3730, 41.3100, 0.2380

Rectangle

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



223.4150, -4.3480, -42.3640



195.1270, -108.9290, -46.8250



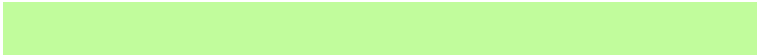
231.5200, 11.0000, 20.9200



216.9130, 23.1950, 25.6830

Sweetspot

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



223.4150, -4.3480, -42.3640



246.7250, -1.1440, -12.3120



218.7500, 41.2660, -9.9820



122.7730, -1.0990, -7.6190



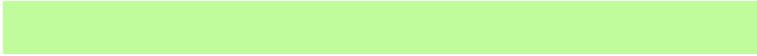
0.0000, 0.0000, 0.0000



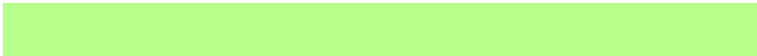
128.0000, -0.0000, -0.0000

Same Dimension

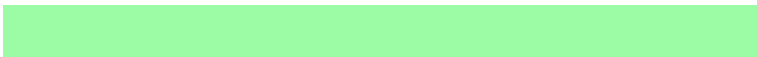
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.4150, -4.3480, -42.3640



220.1340, -5.3550, -51.6510



213.4920, -29.6100, -47.0980



121.1260, -0.5950, -5.7390



132.7700, -8.4670, -83.3710



42.9830, -2.4710, -26.8150

Inverse Universe

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



184.5850, 4.3480, 42.3640



172.8660, 5.3550, 51.6510



194.5080, 29.6100, 47.0980



115.8740, 0.5950, 5.7390



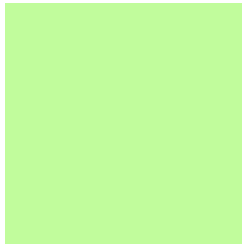
56.2300, 8.4670, 83.3710



18.3160, 3.0670, 27.0270

Previews

White Background



This preview shows how the YIQ color 223.4150, -4.3480, -42.3640 looks on a white background.

Color Contrast Check

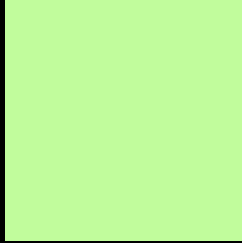
Large Text (above 18pt) WCAG AA × Fail

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 223.4150, -4.3480, -42.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

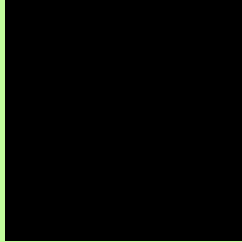
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.4150, -4.3480, -42.3640

Background



This preview shows how black text looks on a background with the YIQ color 223.4150, -4.3480, -42.3640.



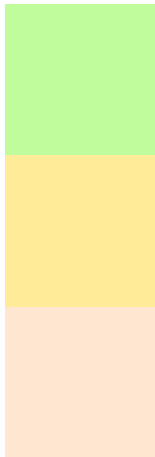
This preview shows how white text looks on a background with the YIQ color 223.4150, -4.3480,

-42.3640.

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

223.4150, -4.3480, -42.3640

Protanopia

231.5180, 38.5630, -21.5730

Deuteranopia

234.9670, 21.9620, -1.5420



Tritanopia

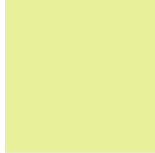
233.0500, -20.6320, -0.5360

Trichromacy



Original Color

223.4150, -4.3480, -42.3640



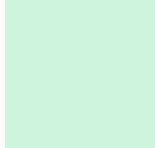
Protanomaly

228.2770, 22.8840, -29.2760



Deuteranomaly

230.6200, 12.1530, -16.5110



Tritanomaly

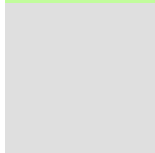
229.7880, -14.6230, -15.8310

Monochromacy



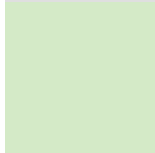
Original Color

223.4150, -4.3480, -42.3640



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.4320, -1.8770, -15.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.4150, -4.3480, -42.3640 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(193, 252, 156)` looks like.

```
.text, #text, p{  
    color:rgb(193, 252, 156)  
}
```

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(193, 252, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 252, 156) }
```

Border

The CSS property to change the border of an element to YIQ 223.4150, -4.3480, -42.3640 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(193, 252, 156) }
```


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

```
.border{ border-color:rgb(193, 252, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 252, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 252, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 252, 156);  
box-shadow:4px 4px 4px 4px rgb(193, 252,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 223.4150, -4.3480, -42.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 252, 156) }
```

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

```
.background{ background-color: rgb(193,  
252, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor