

Converting Colors

YIQ(221.9480, 21.8320,
-43.2560)

Have a look what the booklet for
YIQ(221.9480, 21.8320, -43.2560)
contains.

YIQ(221.9480, 21.8320, -43.2560)	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(221.9480, 21.8320,
-43.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F47C
RGB	216, 244, 124
RGB Percent	85%, 96%, 49%
CMY	0.1531, 0.0431, 0.5135
CMYK	0.11, 0.00, 0.49, 0.04
HSL	74°, 85%, 72%
HSV	74°, 49%, 96%
XYZ	64.3034, 80.7581, 31.2827
YIQ	221.9480, 21.8320, -43.2560

Conversions

Conversions Part 2

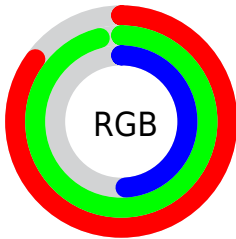
Format	Color
RYB	124, 244, 152
Decimal	14218364
CIELab	92.02, -26.68, 54.28
CIELCh	92, 60.482, 116.180
Yxy	80.7581, 0.3646, 0.4580
Android (android.graphics.Color)	4292408444 (0xFFD8F47C)
YUV	221.9480, -48.2884, -5.2164
Hunter-Lab	89.8655, -29.5387, 42.2667

Details

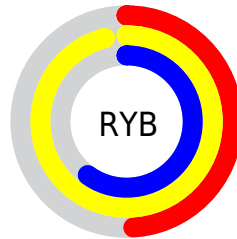
The YIQ color **221.9480, 21.8320, -43.2560** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **146.0520, -21.8320, 43.2560**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3360, 24.3960, -23.6360**, and **165.9910, 20.2730, -42.5350** is the 20% darker color. If you saturate the color by 10%, you get **217.4180, 25.9600, -51.9920**, and if you desaturate by 10%, it is **226.4780, 17.7040, -34.5200**.

Distribution



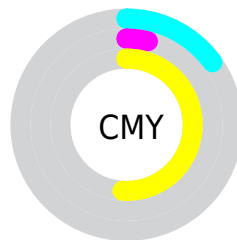
- Red (85%)
- Green (96%)
- Blue (49%)



- Red (49%)
- Yellow (96%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (49%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.9480, 21.8320, -43.2560 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 221.9480, 21.8320, -43.2560 by changing the saturation by 10% instead.

221.9480, 21.8320,
-43.2560

221.9480, 21.8320,
-43.2560

255.0000, -0.0000,
-0.0000

193.7630, 20.9150,
-43.1570

246.3360, 24.3960,
-23.6360

165.9910, 20.2730,
-42.5350

249.5280, 15.4080,
-14.9280

138.6920, 19.6770,
-42.7470

252.8340, 6.0990,
-5.9090

110.7800, 22.2450,
-45.2350

87.3050, 16.5130,
-40.4710

65.7420, 8.2130,
-33.2190

43.2820, -1.8750,

-26.6030

■ 22.8930, -10.7250,
-20.3970

■ 7.6310, -3.5750,
-6.7990

■ 221.9480, 21.8320,
-43.2560

■ 221.9480, 21.8320,
-43.2560

■ 217.4180, 25.9600,
-51.9920

■ 226.4780, 17.7040,
-34.5200

■ 213.0730, 31.0050,
-60.8270

■ 230.8230, 12.6590,
-25.6850

■ 208.5430, 35.1330,
-69.5630


■ 235.3530, 8.5310,
-16.9490


■ 203.8990, 39.5820,
-78.6100

■ 239.9970, 4.0820,
-7.9020

 199.3690, 43.7100,
-87.3460

 244.2280, -0.6420,
0.6220

 199.1410, 44.3520,
-87.9680

 247.0480, 0.0450,
4.6930

 248.5430, 3.0250,
5.7530

Harmonies

Analogous

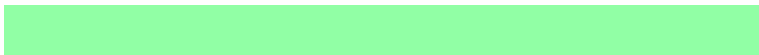
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.7890, 53.5570, -28.9950



221.9480, 21.8320, -43.2560



211.8500, -36.6700, -51.3100

Triad

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



221.9480, 21.8320, -43.2560



178.7550, -151.9800, -54.0600



211.8410, 23.6980, 33.0900

Complementary

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



221.9480, 21.8320, -43.2560



146.0520, -21.8320, 43.2560

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.



221.5410, 15.6750, 29.8110



221.9480, 21.8320, -43.2560



203.7370, -80.5070, -22.2590

Square

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



221.9480, 21.8320, -43.2560



178.7550, -151.9800, -54.0600



225.4850, -8.2550, 11.9450



207.5770, 41.2160, 12.9600

Rectangle

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



221.9480, 21.8320, -43.2560



195.7360, -89.0750, -54.2190



225.4850, -8.2550, 11.9450



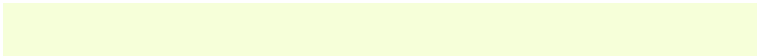
215.0840, 18.7000, 35.5640

Sweetspot

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



221.9480, 21.8320, -43.2560



247.9770, 6.8340, -13.7260



176.3160, 63.8200, 10.7960



123.5840, 3.8070, -8.4250



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.



221.9480, 21.8320, -43.2560



227.4350, 27.2900, -54.0700



204.0080, -13.9280, -55.9760



120.0340, 2.6600, -4.1560



151.9390, 34.0780, -66.9620



48.0880, 10.5950, -21.3170

Inverse Universe

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



146.0520, -21.8320, 43.2560



132.5650, -27.2900, 54.0700



163.9920, 13.9280, 55.9760



112.2650, -2.0640, 4.3680



34.3600, -33.4820, 67.1740



10.9120, -10.5950, 21.3170

Previews

White Background



This preview shows how the YIQ color 221.9480, 21.8320, -43.2560 looks on a white background.

Color Contrast Check

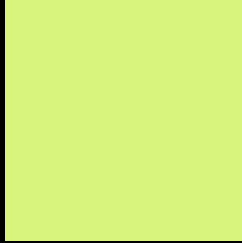
Large Text (above 18pt) WCAG AA × Fail

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 221.9480, 21.8320, -43.2560 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 221.9480, 21.8320, -43.2560

Background



This preview shows how black text looks on a background with the YIQ color 221.9480, 21.8320, -43.2560.



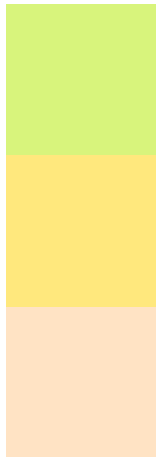
This preview shows how white text looks on a background with the YIQ color 221.9480, 21.8320, -43.2560.

-43.2560.

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

221.9480, 21.8320, -43.2560

Protanopia

226.6790, 48.0550, -28.4010

Deuteranopia

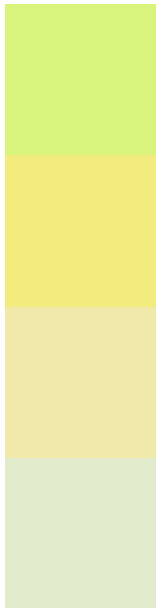
231.8380, 26.6390, -3.7050



Tritanopia

232.3510, -5.1820, 5.8100

Trichromacy



Original Color

221.9480, 21.8320, -43.2560

Protanomaly

224.8410, 38.6110, -33.4610

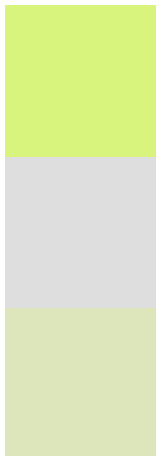
Deuteranomaly

228.2100, 24.9910, -17.8970

Tritanomaly

228.6610, 4.9080, -11.8600

Monochromacy



Original Color

221.9480, 21.8320, -43.2560

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.9940, 8.1640, -15.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.9480, 21.8320, -43.2560 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(216, 244, 124)` looks like.

```
.text, #text, p{  
    color:rgb(216, 244, 124)  
}
```

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(216, 244, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 244, 124) }
```

Border

The CSS property to change the border of an element to YIQ 221.9480, 21.8320, -43.2560 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(216, 244, 124) }
```


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

```
.border{ border-color:rgb(216, 244, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 244, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 244, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 244, 124);  
box-shadow:4px 4px 4px 4px rgb(216, 244,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 221.9480, 21.8320, -43.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 244, 124) }
```

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

```
.background{ background-color: rgb(216,  
244, 124) }
```

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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