

Converting Colors

YIQ(216.3490, 14.3540,
-17.8540)

Have a look what the booklet for
YIQ(216.3490, 14.3540, -17.8540)
contains.

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Color

**YIQ(216.3490, 14.3540,
-17.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE0AA
RGB	219, 224, 170
RGB Percent	86%, 88%, 67%
CMY	0.1412, 0.1215, 0.3332
CMYK	0.02, 0.00, 0.24, 0.12
HSL	66°, 47%, 77%
HSV	66°, 24%, 88%
XYZ	63.1242, 71.2739, 48.4729
YIQ	216.3490, 14.3540, -17.8540

Conversions

Conversions Part 2

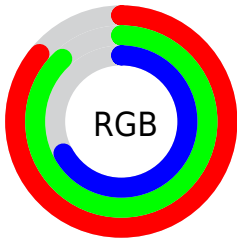
Format	Color
RYB	170, 224, 175
Decimal	14409898
CIELab	87.62, -10.39, 25.94
CIELCh	88, 27.943, 111.833
Yxy	71.2739, 0.3452, 0.3897
Android (android.graphics.Color)	4292599978 (0xFFDBE0AA)
YUV	216.3490, -22.8501, 2.3249
Hunter-Lab	84.4238, -14.2763, 25.0546

Details

The YIQ color **216.3490, 14.3540, -17.8540** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177.6510, -14.3540, 17.8540**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.6940, 9.3090, -9.0190**, and **161.5770, 13.7120, -17.2320** is the 20% darker color. If you saturate the color by 10%, you get **213.2430, 20.2240, -25.1200**, and if you desaturate by 10%, it is **219.4550, 8.4840, -10.5880**.

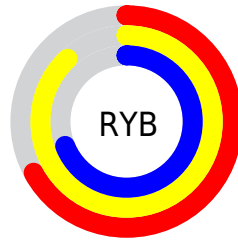
Distribution



Red (86%)

Green (88%)

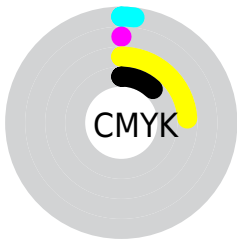
Blue (67%)



Red (67%)

Yellow (88%)

Blue (69%)

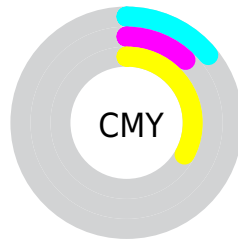


Cyan (2%)

Magenta (0%)

Yellow (24%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.3490, 14.3540, -17.8540 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 216.3490, 14.3540, -17.8540 by changing the saturation by 10% instead.

■ 216.3490, 14.3540,
-17.8540

■ 216.3490, 14.3540,
-17.8540

255.0000, -0.0000,
-0.0000

■ 188.4630, 14.0330,
-17.5430

■ 251.6940, 9.3090,
-9.0190

■ 161.5770, 13.7120,
-17.2320

254.8860, 0.3210,
-0.3110

■ 134.9190, 12.7490,
-16.2990

■ 109.6200, 12.1530,
-16.5110

■ 84.8480, 11.5110,
-15.8890

■ 61.6630, 10.5940,
-15.7900

■ 38.9620, 11.1900,

-15.5780

■ 19.7470, 1.7900,
-10.4180

■ 0.0000, 0.0000,
0.0000

■ 216.3490, 14.3540,
-17.8540

■ 216.3490, 14.3540,
-17.8540

■ 213.2430, 20.2240,
-25.1200

■ 219.4550, 8.4840,
-10.5880

■ 210.0230, 26.4150,
-32.6970


■ 222.6750, 2.2930,
-3.0110

■ 206.9170, 32.2850,
-39.9630

■ 225.7810, -3.5770,
4.2550

■ 203.6970, 38.4760,
-47.5400


■ 228.4310, -8.1630,
10.2770

 200.5910, 44.3460,
-54.8060


 229.0290, -6.9710,
10.7010

 197.1860, 49.6200,
-62.2840

 229.6270, -5.7790,
11.1250

 193.9660, 55.8110,
-69.8610

 230.5240, -3.9910,
11.7610

 192.1850, 59.3880,
-74.1160

 231.1220, -2.7990,
12.1850

 231.7200, -1.6070,
12.6090

Harmonies

Analogous

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



218.7970, 33.8840, -8.3560



216.3490, 14.3540, -17.8540



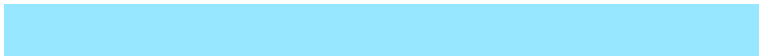
213.3120, -10.5870, -22.8990

Triad

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



216.3490, 14.3540, -17.8540



209.5170, -55.9800, -9.7080



220.2240, 23.5170, 19.8450

Complementary

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



216.3490, 14.3540, -17.8540



177.6510, -14.3540, 17.8540

Split Complementary

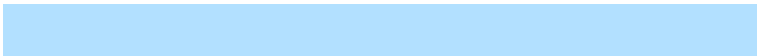
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.2040, 9.0740, 22.7860



216.3490, 14.3540, -17.8540



213.7800, -37.3670, -0.1110

Square

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



216.3490, 14.3540, -17.8540



207.5460, -54.9240, -17.8360



219.2610, -13.4360, 12.2280



217.1460, 32.1840, 11.4480

Rectangle

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



216.3490, 14.3540, -17.8540



210.3300, -28.1930, -23.2090



219.2610, -13.4360, 12.2280



221.8370, 20.3530, 22.1210

Sweetspot

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



216.3490, 14.3540, -17.8540



252.3500, 4.5860, -6.0220



189.0810, 30.8090, 8.8330



126.4470, 2.9350, -3.6330



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.



216.3490, 14.3540, -17.8540



244.4710, 19.5820, -24.4980



208.5750, -1.1420, -23.3660



110.4470, 2.9350, -3.6330



151.1520, 46.9600, -58.1280



41.3320, 13.0240, -15.7760

Inverse Universe

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



177.6510, -14.3540, 17.8540



191.5290, -19.5820, 24.4980



185.7240, 1.7380, 23.5780



102.5530, -2.9350, 3.6330



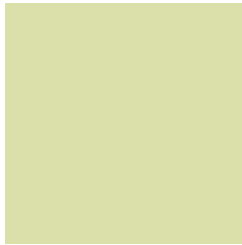
24.8480, -46.9600, 58.1280



6.9670, -12.4280, 15.9880

Previews

White Background



This preview shows how the YIQ color 216.3490, 14.3540, -17.8540 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 216.3490, 14.3540, -17.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

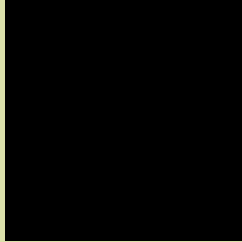
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

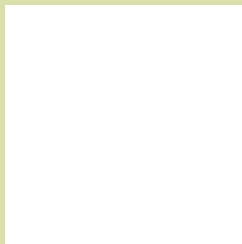
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.3490, 14.3540, -17.8540

Background



This preview shows how black text looks on a background with the YIQ color 216.3490, 14.3540, -17.8540.



This preview shows how white text looks on a background with the YIQ color 216.3490, 14.3540, -17.8540.

-17.8540.

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

216.3490, 14.3540, -17.8540

Protanopia

217.6710, 25.3110, -12.6810

Deuteranopia

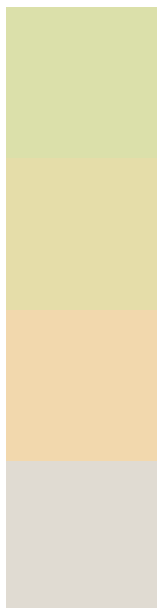
220.0520, 37.7800, -1.8680



Tritanopia

221.2270, 1.0990, 7.6190

Trichromacy



Original Color

216.3490, 14.3540, -17.8540

Protanomaly

217.4640, 21.4600, -14.4760

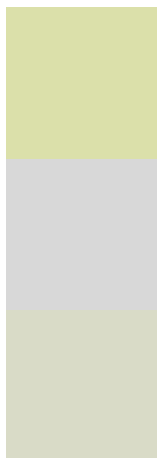
Deuteranomaly

218.8720, 29.2990, -7.8610

Tritanomaly

219.4690, 5.8690, -1.7390

Monochromacy



Original Color

216.3490, 14.3540, -17.8540

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.1220, 5.2280, -6.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.3490, 14.3540, -17.8540 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(219, 224, 170)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 170)  
}
```

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(219, 224, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 170) }
```

Border

The CSS property to change the border of an element to YIQ 216.3490, 14.3540, -17.8540 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(219, 224, 170) }
```


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

```
.border{ border-color:rgb(219, 224, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 170);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 216.3490, 14.3540, -17.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 170) }
```

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

```
.background{ background-color: rgb(219,  
224, 170) }
```

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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