

Converting Colors

YIQ(214.8080, 17.0150,
-27.5370)

Have a look what the booklet for
YIQ(214.8080, 17.0150, -27.5370)
contains.

YIQ(214.8080, 17.0150, -27.5370)	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(214.8080, 17.0150,
-27.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E495
RGB	214, 228, 149
RGB Percent	84%, 89%, 58%
CMY	0.1609, 0.1058, 0.4155
CMYK	0.06, 0.00, 0.35, 0.11
HSL	71°, 59%, 74%
HSV	71°, 35%, 89%
XYZ	60.8978, 71.9539, 39.1263
YIQ	214.8080, 17.0150, -27.5370

Conversions

Conversions Part 2

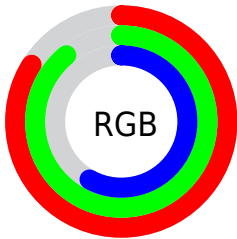
Format	Color
RYB	149, 228, 163
Decimal	14083221
CIELab	87.95, -17.00, 37.03
CIElCh	88, 40.744, 114.657
Yxy	71.9539, 0.3541, 0.4184
Android (android.graphics.Color)	4292273301 (0xFFD6E495)
YUV	214.8080, -32.4433, -0.7086
Hunter-Lab	84.8256, -20.2966, 32.0301

Details

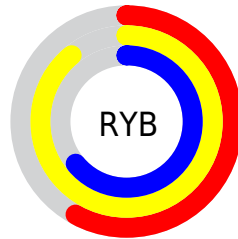
The YIQ color **214.8080, 17.0150, -27.5370** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **162.1920, -17.0150, 27.5370**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.1860, 16.3710, -15.8610**, and **159.8510, 15.4560, -26.8160** is the 20% darker color. If you saturate the color by 10%, you get **210.9900, 22.0140, -35.5380**, and if you desaturate by 10%, it is **218.6260, 12.0160, -19.5360**.

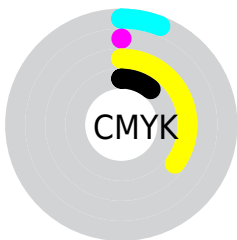
Distribution



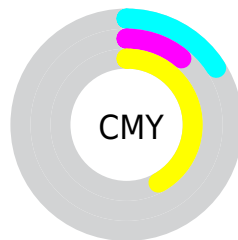
- Red (84%)
- Green (89%)
- Blue (58%)



- Red (58%)
- Yellow (89%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.8080, 17.0150, -27.5370 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 214.8080, 17.0150, -27.5370 by changing the saturation by 10% instead.

■ 214.8080, 17.0150,
-27.5370

■ 214.8080, 17.0150,
-27.5370

255.0000, -0.0000,
-0.0000

■ 187.0360, 16.3730,
-26.9150

■ 249.1860, 16.3710,
-15.8610

■ 159.8510, 15.4560,
-26.8160

■ 252.3780, 7.3830,
-7.1530

■ 133.0790, 14.8140,
-26.1940

■ 107.3070, 14.1720,
-25.5720

■ 83.0080, 13.5760,
-25.7840

■ 58.7090, 12.9800,
-25.9960

■ 38.3310, 5.5970,

-18.8430

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 214.8080, 17.0150,
-27.5370

■ 214.8080, 17.0150,
-27.5370

■ 210.9900, 22.0140,
-35.5380

■ 218.6260, 12.0160,
-19.5360

■ 207.1720, 27.0130,
-43.5390

■ 222.4440, 7.0170,
-11.5350

■ 203.4680, 31.6910,
-51.2290

■ 226.1480, 2.3390,
-3.8450

■ 199.6500, 36.6900,
-59.2300

■ 229.9660, -2.6600,
4.1560

■ 195.8320, 41.6890,
-67.2310

■ 232.8720, -5.0910,
9.6690

■ 192.0140, 46.6880,
-75.2320

■ 234.0680, -2.7070,
10.5170

■ 189.7490, 48.7520,
-79.6000

■ 235.2640, -0.3230,
11.3650

■ 236.4600, 2.0610,
12.2130

■ 237.6560, 4.4450,
13.0610

Harmonies

Analogous

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



218.7410, 45.4850, -14.8590



214.8080, 17.0150, -27.5370



209.4860, -20.3050, -34.0090

Triad

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



214.8080, 17.0150, -27.5370



197.5020, -87.1550, -22.9230



215.0550, 25.6710, 24.8630

Complementary

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



214.8080, 17.0150, -27.5370



162.1920, -17.0150, 27.5370

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.



222.7150, 15.1250, 28.7650



214.8080, 17.0150, -27.5370



208.3760, -51.0290, -5.8210

Square

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



214.8080, 17.0150, -27.5370



195.9090, -95.9110, -29.4390



218.6850, -11.6940, 13.6980



211.1960, 37.9150, 12.2110

Rectangle

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



214.8080, 17.0150, -27.5370



204.8280, -47.6310, -34.3750



218.6850, -11.6940, 13.6980



217.1240, 21.2230, 28.3830

Sweetspot

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



214.8080, 17.0150, -27.5370



250.6550, 5.0450, -8.8350



180.2520, 43.5090, 9.9490



125.2790, 3.3480, -5.6120



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.



214.8080, 17.0150, -27.5370



237.1210, 23.0230, -37.3050



203.1470, -6.2290, -35.8050



113.0340, 2.6600, -4.1560



149.0260, 38.3870, -62.4530



42.4950, 11.0070, -17.7690

Inverse Universe

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



162.1920, -17.0150, 27.5370



165.8790, -23.0230, 37.3050



173.8530, 6.2290, 35.8050



104.9660, -2.6600, 4.1560



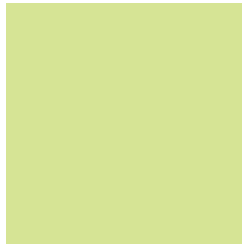
29.9740, -38.3870, 62.4530



8.5050, -11.0070, 17.7690

Previews

White Background



This preview shows how the YIQ color 214.8080, 17.0150, -27.5370 looks on a white background.

Color Contrast Check

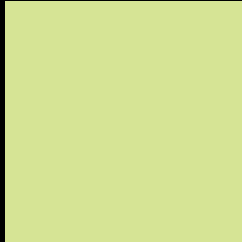
Large Text (above 18pt) WCAG AA × Fail

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 214.8080, 17.0150, -27.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

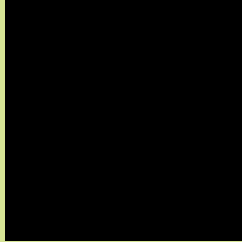
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

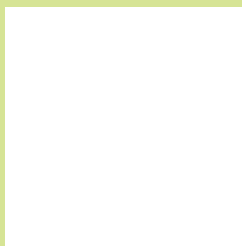
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.8080, 17.0150, -27.5370

Background



This preview shows how black text looks on a background with the YIQ color 214.8080, 17.0150, -27.5370.



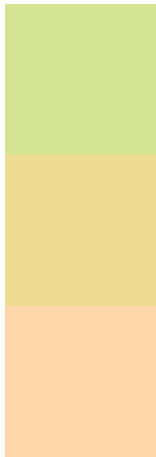
This preview shows how white text looks on a background with the YIQ color 214.8080, 17.0150, -27.5370.

-27.5370.

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

214.8080, 17.0150, -27.5370

Protanopia

217.2450, 35.0780, -18.9860

Deuteranopia

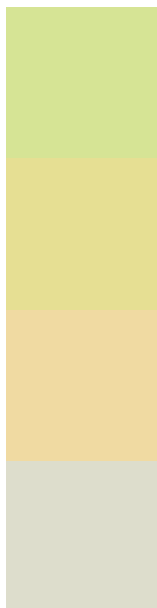
220.5420, 39.1560, -4.7800



Tritanopia

221.4440, -1.0100, 7.2940

Trichromacy



Original Color

214.8080, 17.0150, -27.5370

Protanomaly

216.4290, 28.5680, -22.1520

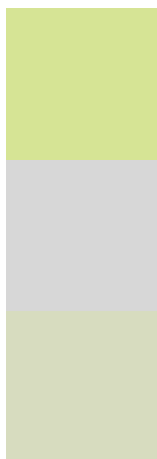
Deuteranomaly

218.1940, 31.0880, -12.7520

Tritanomaly

219.0620, 5.4570, -5.2870

Monochromacy



Original Color

214.8080, 17.0150, -27.5370

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.1990, 6.3290, -10.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.8080, 17.0150, -27.5370 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(214, 228, 149)` looks like.

```
.text, #text, p{  
    color:rgb(214, 228, 149)  
}
```

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(214, 228, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 228, 149) }
```

Border

The CSS property to change the border of an element to YIQ 214.8080, 17.0150, -27.5370 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(214, 228, 149) }
```


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

```
.border{ border-color:rgb(214, 228, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 228, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 228, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 228, 149);  
box-shadow:4px 4px 4px 4px rgb(214, 228,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 214.8080, 17.0150, -27.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 228, 149) }
```

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

```
.background{ background-color: rgb(214,  
228, 149) }
```

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