

Converting Colors

YIQ(214.1650, 28.8910,
-33.5170)

Have a look what the booklet for
YIQ(214.1650, 28.8910, -33.5170)
contains.

YIQ(214.1650, 28.8910, -33.5170)	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(214.1650, 28.8910,
-33.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE47D
RGB	221, 228, 125
RGB Percent	87%, 89%, 49%
CMY	0.1334, 0.1058, 0.5096
CMYK	0.03, 0.00, 0.45, 0.11
HSL	64°, 66%, 69%
HSV	64°, 45%, 89%
XYZ	61.2615, 72.3391, 30.1527
YIQ	214.1650, 28.8910, -33.5170

Conversions

Conversions Part 2

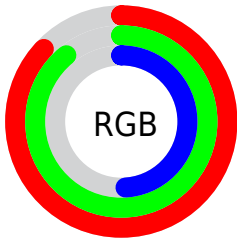
Format	Color
RYB	125, 228, 132
Decimal	14541949
CIELab	88.13, -16.94, 49.17
CIElCh	88, 52.011, 109.008
Yxy	72.3391, 0.3741, 0.4418
Android (android.graphics.Color)	4292732029 (0xFFDDE47D)
YUV	214.1650, -43.9583, 5.9943
Hunter-Lab	85.0524, -20.2718, 38.5173

Details

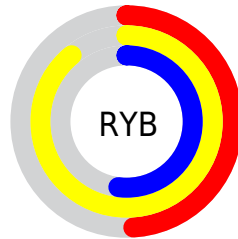
The YIQ color **214.1650, 28.8910, -33.5170** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **138.8350, -28.8910, 33.5170**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.3360, 24.3960, -23.6360**, and **158.9090, 26.7360, -33.0080** is the 20% darker color. If you saturate the color by 10%, you get **210.9450, 35.0820, -41.0940**, and if you desaturate by 10%, it is **217.3850, 22.7000, -25.9400**.

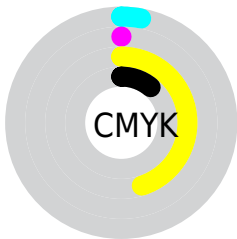
Distribution



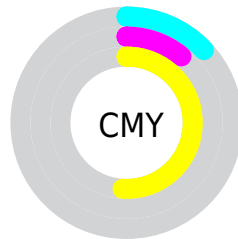
- Red (87%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.1650, 28.8910, -33.5170 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 214.1650, 28.8910, -33.5170 by changing the saturation by 10% instead.

214.1650, 28.8910,
-33.5170

214.1650, 28.8910,
-33.5170

255.0000, -0.0000,
-0.0000

186.0940, 27.6530,
-33.1070

246.3360, 24.3960,
-23.6360

158.9090, 26.7360,
-33.0080

249.6420, 15.0870,
-14.6170

132.0230, 26.4150,
-32.6970

252.8340, 6.0990,
-5.9090

105.9690, 26.5070,
-34.3650

81.4680, 23.6640,
-32.4000

59.9050, 15.3640,
-25.1480

39.2170, 5.9180,

-19.1540

■ 17.6210, -6.7830,
-14.7430

■ 0.0000, 0.0000,
0.0000

■ 214.1650, 28.8910,
-33.5170

■ 214.1650, 28.8910,
-33.5170

■ 210.9450, 35.0820,
-41.0940

■ 217.3850, 22.7000,
-25.9400

■ 208.0240, 41.8690,
-48.4590


■ 220.3060, 15.9130,
-18.5750


■ 204.9180, 47.7390,
-55.7250


■ 223.4120, 10.0430,
-11.3090

■ 201.9970, 54.5260,
-63.0900

■ 226.3330, 3.2560,
-3.9440


 198.7770, 60.7170,
-70.6670


 229.5530, -2.9350,
3.6330

 197.2240, 63.6520,
-74.3000

 231.6760, -7.4750,
8.8210

 232.2740, -6.2830,
9.2450

 232.5730, -5.6870,
9.4570

 233.1710, -4.4950,
9.8810

Harmonies

Analogous

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



214.7110, 54.1970, -18.5630



214.1650, 28.8910, -33.5170



207.4720, -17.6900, -42.8580

Triad

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



214.1650, 28.8910, -33.5170



171.1240, -148.4050, -47.2610



211.1400, 24.2940, 33.3020

Complementary

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



214.1650, 28.8910, -33.5170



138.8350, -28.8910, 33.5170

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.



220.9540, 15.9500, 30.3340



214.1650, 28.8910, -33.5170



196.3500, -83.6710, -19.9830

Square

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



214.1650, 28.8910, -33.5170



173.7170, -148.8170, -50.8090



214.4770, -22.9720, 8.8360



205.4400, 40.3440, 17.7520

Rectangle

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



214.1650, 28.8910, -33.5170



199.7850, -55.2400, -45.1600



214.4770, -22.9720, 8.8360



215.0840, 18.7000, 35.5640

Sweetspot

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



214.1650, 28.8910, -33.5170



250.2980, 10.3640, -11.6200



159.9060, 59.4630, 18.1750



124.8940, 5.8700, -7.2660



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.



214.1650, 28.8910, -33.5170



236.5770, 38.9340, -44.8260



198.9160, -1.5050, -44.3290



113.3330, 3.2560, -3.9440



154.7070, 49.7110, -58.4250



44.2890, 14.5830, -16.4970

Inverse Universe

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



138.8350, -28.8910, 33.5170



135.7220, -38.3380, 45.0380



154.0840, 1.5050, 44.3290



104.6670, -3.2560, 3.9440



23.9940, -50.3070, 58.2130



6.7110, -14.5830, 16.4970

Previews

White Background



This preview shows how the YIQ color 214.1650, 28.8910, -33.5170 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 214.1650, 28.8910, -33.5170 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 214.1650, 28.8910, -33.5170

Background



This preview shows how black text looks on a background with the YIQ color 214.1650, 28.8910, -33.5170.



This preview shows how white text looks on a background with the YIQ color 214.1650, 28.8910,

-33.5170.

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

214.1650, 28.8910, -33.5170

Protanopia

216.4060, 44.5700, -25.8140

Deuteranopia

220.5590, 40.4860, -6.8580



Tritanopia

223.0210, 4.6750, 8.8910

Trichromacy



Original Color

214.1650, 28.8910, -33.5170

Protanomaly

215.8890, 38.6560, -28.7680

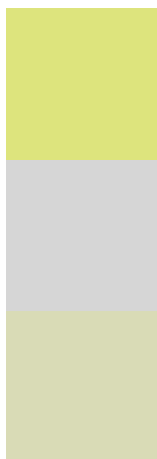
Deuteranomaly

218.3100, 36.4530, -16.3710

Tritanomaly

219.7270, 13.7100, -6.1780

Monochromacy



Original Color

214.1650, 28.8910, -33.5170

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1840, 10.6850, -11.9310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.1650, 28.8910, -33.5170 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(221, 228, 125)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 125)  
}
```

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(221, 228, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 125) }
```

Border

The CSS property to change the border of an element to YIQ 214.1650, 28.8910, -33.5170 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(221, 228, 125) }
```


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

```
.border{ border-color:rgb(221, 228, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 228, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 228, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 228, 125);  
box-shadow:4px 4px 4px 4px rgb(221, 228,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 214.1650, 28.8910, -33.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 125) }
```

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

```
.background{ background-color: rgb(221,  
228, 125) }
```

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