

Converting Colors

YIQ(214.1560, -1.2800,
-20.8640)

Have a look what the booklet for
YIQ(214.1560, -1.2800, -20.8640)
contains.

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Color

**YIQ(214.1560, -1.2800,
-20.8640)**

Conversions

Conversions Part 1	
Format	Color
Hex	C8E4B4
RGB	200, 228, 180
RGB Percent	78%, 89%, 71%
CMY	0.2158, 0.1058, 0.2941
CMYK	0.12, 0.00, 0.21, 0.11
HSL	95°, 47%, 80%
HSV	95°, 21%, 89%
XYZ	59.7985, 71.0648, 53.7496
YIQ	214.1560, -1.2800, -20.8640

Conversions

Conversions Part 2

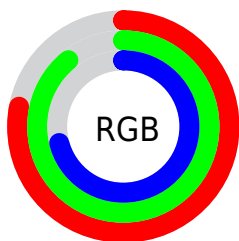
Format	Color
RYB	180, 228, 208
Decimal	13165748
CIELab	87.52, -17.75, 20.41
CIELCh	88, 27.053, 131.017
Yxy	71.0648, 0.3239, 0.3849
Android (android.graphics.Color)	4291355828 (0xFFC8E4B4)
YUV	214.1560, -16.8389, -12.4148
Hunter-Lab	84.2999, -20.9052, 21.2067

Details

The YIQ color $214.1560, -1.2800, -20.8640$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $193.8440, 1.2800, 20.8640$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, 6.0990, -5.9090$, and $159.6830, -1.3260, -20.0300$ is the 20% darker color. If you saturate the color by 10%, you get $207.6470, -1.6450, -30.7730$, and if you desaturate by 10%, it is $220.6650, -0.9150, -10.9550$.

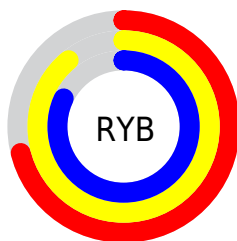
Distribution



Red (78%)

Green (89%)

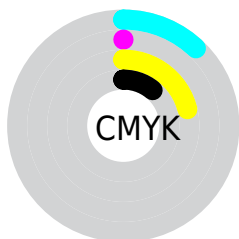
Blue (71%)



Red (71%)

Yellow (89%)

Blue (82%)

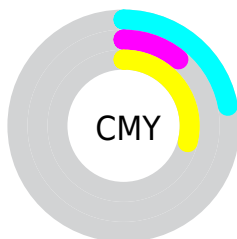


Cyan (12%)

Magenta (0%)

Yellow (21%)

Black (11%)



Cyan (22%)

Magenta (11%)


Yellow (29%)


Brightness & Saturation

Gradients

These gradients show how the YIQ color 214.1560, -1.2800, -20.8640 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 214.1560, -1.2800, -20.8640 by changing the saturation by 10% instead.


 214.1560, -1.2800,
-20.8640


 214.1560, -1.2800,
-20.8640

255.0000, -0.0000,
-0.0000


 186.2700, -1.6010,
-20.5530


 252.8340, 6.0990,
-5.9090

 159.6830, -1.3260,
-20.0300

 133.2100, -1.3720,
-19.1960


 107.4380, -2.0140,
-18.5740


 82.8510, -1.7390,
-18.0510


 59.3780, -1.7850,
-17.2170


 37.3780, -1.7850,


-17.2170


 17.0230, -7.9750,
-15.1670

 0.0000, 0.0000,
0.0000

 214.1560, -1.2800,
-20.8640

 214.1560, -1.2800,
-20.8640

 207.6470, -1.6450,
-30.7730

 220.6650, -0.9150,
-10.9550

 200.8390, -2.6060,
-40.8940

 227.4730, 0.0460,
-0.8340

 194.4440, -3.2920,
-50.4920

 233.8680, 0.7320,
8.7640

 187.9350, -3.6570,
-60.4010

 238.5530, 6.2330,
13.6970

■ 181.1270, -4.6180,
-70.5220

■ 239.1510, 7.4250,
14.1210

■ 174.6180, -4.9830,
-80.4310

■ 168.1090, -5.3480,
-90.3400

■ 162.2410, -6.0800,
-99.1040

Harmonies

Analogous

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



217.4640, 21.4600, -14.4760



214.1560, -1.2800, -20.8640



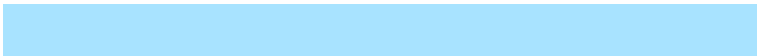
210.9280, -27.0010, -22.7850

Triad

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



214.1560, -1.2800, -20.8640



212.5510, -44.1520, -3.8000



218.2860, 28.9740, 14.5580

Complementary

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



214.1560, -1.2800, -20.8640



193.8440, 1.2800, 20.8640

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.



222.4240, 20.0780, 21.5980



214.1560, -1.2800, -20.8640



217.4340, -21.4130, 8.1150

Square

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



214.1560, -1.2800, -20.8640



209.1640, -56.4840, -11.5880



222.6050, 0.4550, 19.2950



217.8980, 35.5780, 5.0020

Rectangle

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



214.1560, -1.2800, -20.8640



208.9680, -41.6730, -21.2010



222.6050, 0.4550, 19.2950



219.1980, 26.4060, 17.0460

Sweetspot

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



214.1560, -1.2800, -20.8640



250.5990, -0.5490, -6.5730



210.7880, 20.9080, -4.4680



125.1800, -0.6870, -4.0710



0.0000, 0.0000, 0.0000



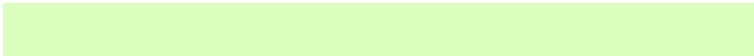
128.0000, -0.0000, -0.0000

Same Dimension

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



214.1560, -1.2800, -20.8640



236.6410, -1.5080, -27.7480



208.6320, -14.4840, -23.8600



111.5390, -0.3200, -5.2160



127.1990, -5.1210, -77.9290



36.2160, -1.5090, -22.2210

Inverse Universe

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



193.8440, 1.2800, 20.8640



209.3590, 1.5080, 27.7480



199.3680, 14.4840, 23.8600



106.4610, 0.3200, 5.2160



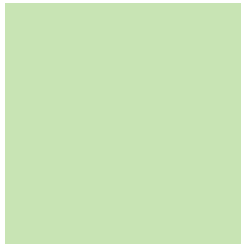
51.5020, 4.5250, 77.7170



14.7840, 1.5090, 22.2210

Previews

White Background



This preview shows how the YIQ color 214.1560, -1.2800, -20.8640 looks on a white background.

Color Contrast Check

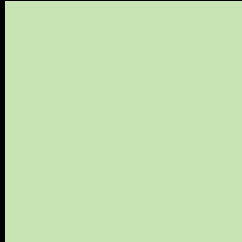
Large Text (above 18pt) WCAG AA × Fail

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 214.1560, -1.2800, -20.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

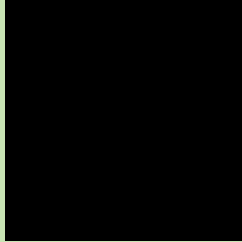
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.1560, -1.2800, -20.8640

Background



This preview shows how black text looks on a background with the YIQ color 214.1560, -1.2800, -20.8640.

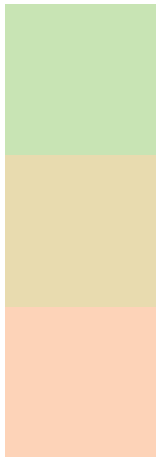


This preview shows how white text looks on a background with the YIQ color 214.1560, -1.2800, -20.8640.

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

214.1560, -1.2800, -20.8640

Protanopia

217.8710, 21.8720, -10.9280

Deuteranopia

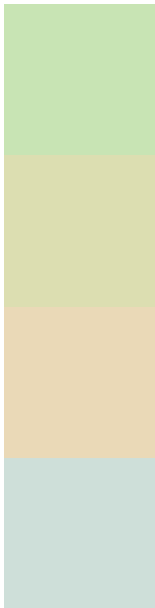
220.4800, 33.6990, 0.5070



Tritanopia

218.7630, -12.3340, 3.2660

Trichromacy



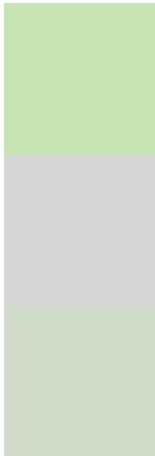
Original Color
214.1560, -1.2800, -20.8640

Protanomaly
216.2720, 13.2530, -14.4190

Deuteranomaly
218.2070, 21.0460, -6.9700

Tritanomaly
217.2330, -8.2060, -5.4700

Monochromacy



Original Color
214.1560, -1.2800, -20.8640

Achromatopsia
214.0000, -0.0000, 0.0000

Achromatomaly
214.0720, -0.5030, -7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.1560, -1.2800, -20.8640 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(200, 228, 180)` looks like.

```
.text, #text, p{  
    color:rgb(200, 228, 180)  
}
```

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(200, 228, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 228, 180) }
```

Border

The CSS property to change the border of an element to YIQ 214.1560, -1.2800, -20.8640 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(200, 228, 180) }
```


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

```
.border{ border-color:rgb(200, 228, 180) }
```

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

Here you see how a box with a 4 pixel rgb(200, 228, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 228, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 228, 180);  
box-shadow:4px 4px 4px 4px rgb(200, 228,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 214.1560, -1.2800, -20.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 228, 180) }
```

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

```
.background{ background-color: rgb(200,  
228, 180) }
```

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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