

Converting Colors

YIQ(215.9570, 0.4180, -29.6140)

Have a look what the booklet for
YIQ(215.9570, 0.4180, -29.6140)
contains.

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Color

**YIQ(215.9570, 0.4180,
-29.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	C6EBA5
RGB	198, 235, 165
RGB Percent	78%, 92%, 65%
CMY	0.2237, 0.0784, 0.3529
CMYK	0.16, 0.00, 0.30, 0.08
HSL	92°, 64%, 78%
HSV	92°, 30%, 92%
XYZ	59.7854, 74.1438, 46.7643
YIQ	215.9570, 0.4180, -29.6140

Conversions

Conversions Part 2

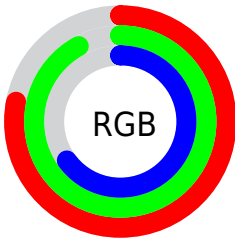
Format	Color
RYB	165, 235, 202
Decimal	13036453
CIELab	88.99, -24.14, 30.12
CIElCh	89, 38.600, 128.709
Yxy	74.1438, 0.3309, 0.4103
Android (android.graphics.Color)	4291226533 (0xFFC6EBA5)
YUV	215.9570, -25.1218, -15.7483
Hunter-Lab	86.1068, -26.7513, 28.0746

Details

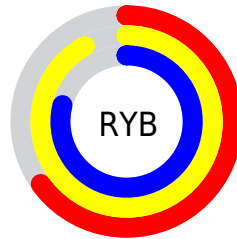
The YIQ color $215.9570, 0.4180, -29.6140$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $184.0430, -0.4180, 29.6140$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, 11.2350, -10.8850$, and $160.7120, -0.2700, -28.1580$ is the 20% darker color. If you saturate the color by 10%, you get $209.7470, 0.6490, -39.3110$, and if you desaturate by 10%, it is $222.2810, -0.1340, -19.6060$.

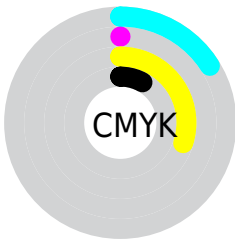
Distribution



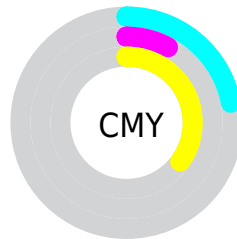
- Red (78%)
- Green (92%)
- Blue (65%)



- Red (65%)
- Yellow (92%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9570, 0.4180, -29.6140 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 215.9570, 0.4180, -29.6140 by changing the saturation by 10% instead.


 215.9570, 0.4180,
-29.6140


 215.9570, 0.4180,
-29.6140

255.0000, -0.0000,
-0.0000


 188.0710, 0.0970,
-29.3030


 251.0100, 11.2350,
-10.8850


 160.7120, -0.2700,
-28.1580

 254.3160, 1.9260,
-1.8660

 134.2390, -0.3160,
-27.3240

 108.3530, -0.6370,
-27.0130

 83.8800, -0.6830,
-26.1790

 59.9940, -1.0040,
-25.8680

 37.6780, -2.9300,

-24.0020

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 215.9570, 0.4180,
-29.6140

■ 215.9570, 0.4180,
-29.6140

■ 209.7470, 0.6490,
-39.3110

■ 222.2810, -0.1340,
-19.6060

■ 203.1240, 0.6050,
-49.5310

■ 228.7900, 0.2310,
-9.6970

■ 196.9140, 0.8360,
-59.2280

■ 235.1140, -0.3210,
0.3110

■ 190.2910, 0.7920,
-69.4480

■ 241.1670, 1.3280,
8.9760

■ 184.0810, 1.0230,
-79.1450

■ 243.2600, 5.5000,
10.4600

■ 177.4580, 0.9790,
-89.3650

■ 171.2480, 1.2100,
-99.0620

■ 171.1340, 1.5310,
-99.3730

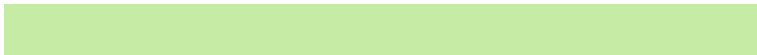
Harmonies

Analogous

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



220.3370, 31.8230, -20.5690



215.9570, 0.4180, -29.6140



210.7430, -37.0860, -32.7500

Triad

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



215.9570, 0.4180, -29.6140



207.6790, -65.4240, -14.7680



215.6930, 29.3860, 18.1060

Complementary

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



215.9570, 0.4180, -29.6140



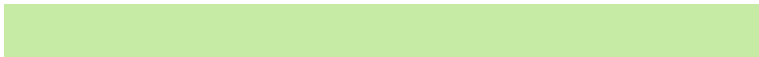
184.0430, -0.4180, 29.6140

Split Complementary

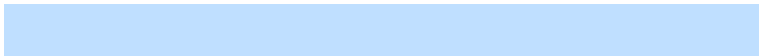
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.6720, 16.6840, 28.0440



215.9570, 0.4180, -29.6140



217.0800, -29.3440, 3.1680

Square

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



215.9570, 0.4180, -29.6140



201.6220, -87.6130, -25.6370



224.6980, 4.6270, 20.7790



214.6380, 39.2460, 4.6060

Rectangle

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



215.9570, 0.4180, -29.6140



206.3950, -62.3490, -31.9570



224.6980, 4.6270, 20.7790



217.1750, 25.2130, 22.1490

Sweetspot

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



215.9570, 0.4180, -29.6140



248.7900, 0.2310, -9.6970



207.0620, 31.8200, -3.9880



123.8980, 0.0470, -6.3610



0.0000, 0.0000, 0.0000



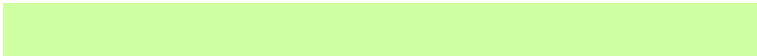
128.0000, -0.0000, -0.0000

Same Dimension

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



215.9570, 0.4180, -29.6140



229.8610, 0.3280, -39.0000



206.2040, -19.5710, -36.2990



113.9520, -0.0450, -4.6930



131.6620, 0.8850, -76.6430



39.1730, 0.0500, -22.9420

Inverse Universe

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



184.0430, -0.4180, 29.6140



188.1390, -0.3280, 39.0000



193.7960, 19.5710, 36.2990



109.0480, 0.0450, 4.6930



49.3380, -0.8850, 76.6430



14.5280, -0.6460, 22.7300

Previews

White Background



This preview shows how the YIQ color 215.9570, 0.4180, -29.6140 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 215.9570, 0.4180, -29.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

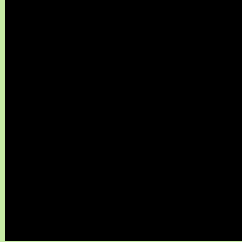
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.9570, 0.4180, -29.6140

Background



This preview shows how black text looks on a background with the YIQ color 215.9570, 0.4180, -29.6140.



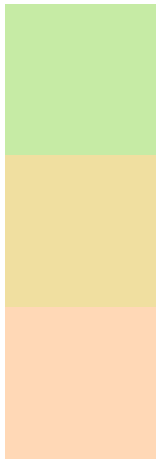
This preview shows how white text looks on a background with the YIQ color 215.9570, 0.4180, -29.6140.

-29.6140.

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

215.9570, 0.4180, -29.6140

Protanopia

220.9010, 30.3550, -15.9890

Deuteranopia

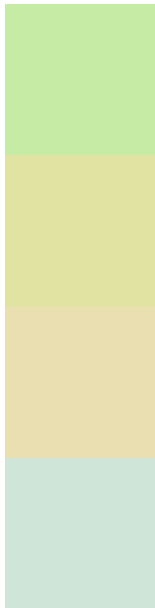
223.7850, 34.1580, -2.3060



Tritanopia

222.5670, -14.7180, 2.4180

Trichromacy



Original Color

215.9570, 0.4180, -29.6140

Protanomaly

218.9920, 19.6730, -20.6390

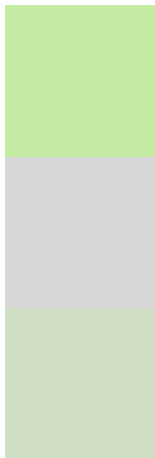
Deuteranomaly

220.9310, 21.6430, -12.2850

Tritanomaly

220.5270, -9.2140, -9.2300

Monochromacy



Original Color

215.9570, 0.4180, -29.6140

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.8500, 0.0020, -11.0540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9570, 0.4180, -29.6140 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(198, 235, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 235, 165)  
}
```

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(198, 235, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 235, 165) }
```

Border

The CSS property to change the border of an element to YIQ 215.9570, 0.4180, -29.6140 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(198, 235, 165) }
```


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

```
.border{ border-color:rgb(198, 235, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 235, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 235, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 235, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 235,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9570, 0.4180, -29.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 235, 165) }
```

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

```
.background{ background-color: rgb(198,  
235, 165) }
```

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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