

Converting Colors

YIQ(215.4860, 6.0580, -32.7100)

Have a look what the booklet for
YIQ(215.4860, 6.0580, -32.7100)
contains.

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Color

**YIQ(215.4860, 6.0580,
-32.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EB99
RGB	201, 235, 153
RGB Percent	79%, 92%, 60%
CMY	0.2119, 0.0784, 0.3999
CMYK	0.14, 0.00, 0.35, 0.08
HSL	85°, 67%, 76%
HSV	85°, 35%, 92%
XYZ	59.5423, 74.1382, 41.3186
YIQ	215.4860, 6.0580, -32.7100

Conversions

Conversions Part 2

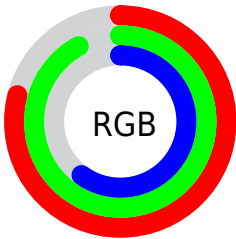
Format	Color
RYB	153, 235, 187
Decimal	13233049
CIELab	88.99, -24.71, 36.22
CIELCh	89, 43.843, 124.304
Yxy	74.1382, 0.3402, 0.4236
Android (android.graphics.Color)	4291423129 (0xFFC9EB99)
YUV	215.4860, -30.8056, -12.7042
Hunter-Lab	86.1035, -27.2449, 31.8210

Details

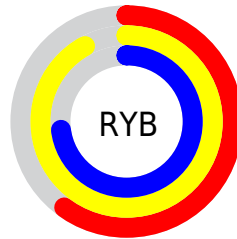
The YIQ color $215.4860, 6.0580, -32.7100$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $172.5140, -6.0580, 32.7100$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, 15.0870, -14.6170$, and $160.2410, 5.3700, -31.2540$ is the 20% darker color. If you saturate the color by 10%, you get $209.8740, 7.4810, -41.9830$, and if you desaturate by 10%, it is $221.2120, 4.3140, -23.1260$.

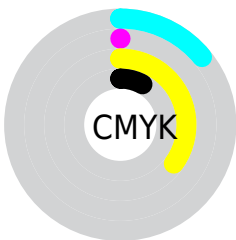
Distribution



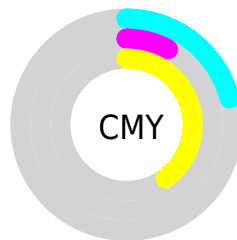
- Red (79%)
- Green (92%)
- Blue (60%)



- Red (60%)
- Yellow (92%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)



- Cyan (21%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.4860, 6.0580, -32.7100 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 215.4860, 6.0580, -32.7100 by changing the saturation by 10% instead.


 215.4860, 6.0580,
-32.7100


 215.4860, 6.0580,
-32.7100

255.0000, -0.0000,
-0.0000

 187.7140, 5.4160,
-32.0880

 249.6420, 15.0870,
-14.6170


 160.2410, 5.3700,
-31.2540

 252.9480, 5.7780,
-5.5980

 133.4690, 4.7280,
-30.6320

 107.6970, 4.0860,
-30.0100

 82.6970, 4.0860,
-30.0100

 58.4690, 4.7280,
-30.6320

 37.6780, -2.9300,

-24.0020

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 215.4860, 6.0580,
-32.7100

■ 215.4860, 6.0580,
-32.7100

■ 209.8740, 7.4810,
-41.9830

■ 221.2120, 4.3140,
-23.1260

■ 204.1480, 9.2250,
-51.5670

■ 226.5250, 2.2950,
-14.0650

■ 198.8350, 11.2440,
-60.6280

■ 232.2510, 0.5510,
-4.4810

■ 193.1090, 12.9880,
-70.2120

■ 237.8630, -0.8720,
4.7920

■ 187.4970, 14.4110,
-79.4850

■ 241.7650, 2.5200,
9.4000

■ 181.7710, 16.1550,
-89.0690

■ 243.2600, 5.5000,
10.4600

■ 178.9080, 17.0270,
-93.8610

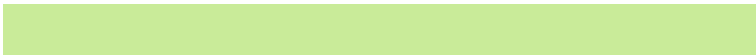
Harmonies

Analogous

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



220.3010, 40.6720, -21.2480



215.4860, 6.0580, -32.7100



208.9940, -36.5350, -37.2310

Triad

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



215.4860, 6.0580, -32.7100



200.1710, -84.7250, -22.9090



213.3280, 29.1560, 22.2760

Complementary

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



215.4860, 6.0580, -32.7100



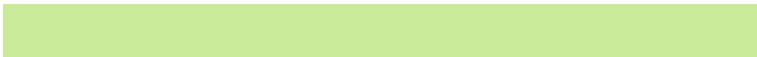
172.5140, -6.0580, 32.7100

Split Complementary

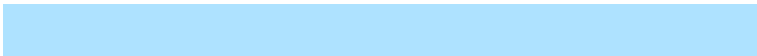
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.9540, 15.9500, 30.3340



215.4860, 6.0580, -32.7100



213.7580, -40.3010, -2.0050

Square

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



215.4860, 6.0580, -32.7100



190.8360, -112.0030, -35.1630



223.2030, 1.6470, 19.7190



211.5890, 40.9420, 6.9100

Rectangle

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



215.4860, 6.0580, -32.7100



203.1830, -67.8040, -37.7240



223.2030, 1.6470, 19.7190



215.5110, 24.3870, 26.1070

Sweetspot

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



215.4860, 6.0580, -32.7100



248.8610, 1.4690, -10.1070



196.8890, 39.7970, 0.1250



124.0830, 0.9640, -6.4600



0.0000, 0.0000, 0.0000



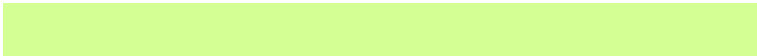
128.0000, -0.0000, -0.0000

Same Dimension

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



215.4860, 6.0580, -32.7100



229.6460, 8.1230, -42.6050



203.5260, -17.7820, -41.1900



114.2510, 0.5510, -4.4810



137.9410, 13.4010, -72.1910



40.9670, 3.6260, -21.6700

Inverse Universe

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



172.5140, -6.0580, 32.7100



173.3540, -8.1230, 42.6050



184.4740, 17.7820, 41.1900



108.4500, -1.1470, 4.2690



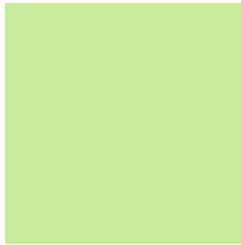
43.0590, -13.4010, 72.1910



12.7340, -4.2220, 21.4580

Previews

White Background



This preview shows how the YIQ color 215.4860, 6.0580, -32.7100 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 215.4860, 6.0580, -32.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

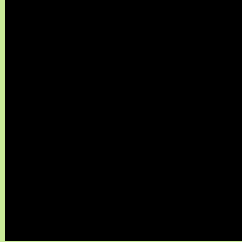
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.4860, 6.0580, -32.7100

Background



This preview shows how black text looks on a background with the YIQ color 215.4860, 6.0580, -32.7100.



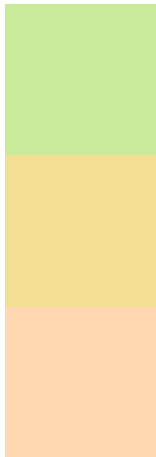
This preview shows how white text looks on a background with the YIQ color 215.4860, 6.0580, -32.7100.

-32.7100.

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**

215.4860, 6.0580, -32.7100

Protanopia

220.1310, 35.3990, -19.2970

Deuteranopia

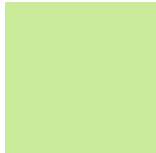
223.3290, 35.4420, -3.5500



Tritanopia

222.7630, -12.3340, 3.2660

Trichromacy



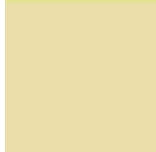
Original Color

215.4860, 6.0580, -32.7100



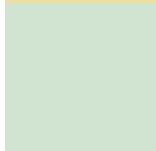
Protanomaly

218.2220, 24.7170, -23.9470



Deuteranomaly

220.4320, 24.4860, -14.2500



Tritanomaly

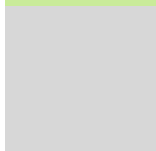
220.2670, -5.5460, -9.6260

Monochromacy



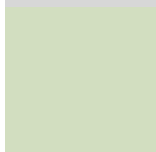
Original Color

215.4860, 6.0580, -32.7100



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

214.9920, 2.4780, -11.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.4860, 6.0580, -32.7100 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(201, 235, 153)` looks like.

```
.text, #text, p{  
    color:rgb(201, 235, 153)  
}
```

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(201, 235, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 235, 153) }
```

Border

The CSS property to change the border of an element to YIQ 215.4860, 6.0580, -32.7100 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(201, 235, 153) }
```


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

```
.border{ border-color:rgb(201, 235, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 235, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 235, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 235, 153);  
box-shadow:4px 4px 4px 4px rgb(201, 235,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 215.4860, 6.0580, -32.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 235, 153) }
```

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

```
.background{ background-color: rgb(201,  
235, 153) }
```

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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