

Converting Colors

YIQ(217.1010, 0.5530, -15.5350)

Have a look what the booklet for
YIQ(217.1010, 0.5530, -15.5350)
contains.

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Color

**YIQ(217.1010, 0.5530,
-15.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E3BE
RGB	208, 227, 190
RGB Percent	82%, 89%, 75%
CMY	0.1844, 0.1098, 0.2549
CMYK	0.08, 0.00, 0.16, 0.11
HSL	91°, 40%, 82%
HSV	91°, 16%, 89%
XYZ	62.7739, 72.0679, 59.3217
YIQ	217.1010, 0.5530, -15.5350

Conversions

Conversions Part 2

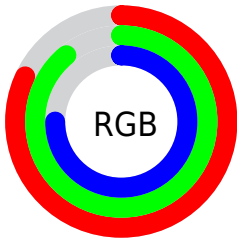
Format	Color
RYB	190, 227, 209
Decimal	13689790
CIELab	88.00, -12.85, 15.96
CIELCh	88, 20.495, 128.837
Yxy	72.0679, 0.3233, 0.3712
Android (android.graphics.Color)	4291879870 (0xFFD0E3BE)
YUV	217.1010, -13.3608, -7.9816
Hunter-Lab	84.8928, -16.5708, 17.9941

Details

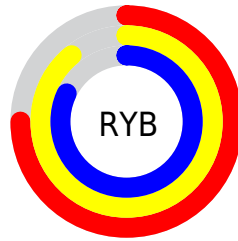
The YIQ color $217.1010, 0.5530, -15.5350$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $199.8990, -0.5530, 15.5350$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.9740, 2.8890, -2.7990$, and $162.3290, -0.0890, -14.9130$ is the 20% darker color. If you saturate the color by 10%, you get $210.8910, 0.7840, -25.2320$, and if you desaturate by 10%, it is $223.3110, 0.3220, -5.8380$.

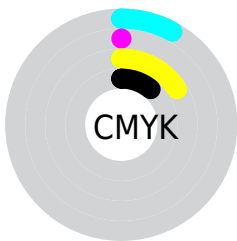
Distribution



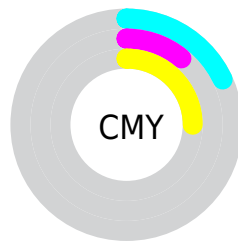
- Red (82%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.1010, 0.5530, -15.5350 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 217.1010, 0.5530, -15.5350 by changing the saturation by 10% instead.

 217.1010, 0.5530,
-15.5350

 217.1010, 0.5530,
-15.5350


255.0000, -0.0000,
-0.0000


 189.2150, 0.2320,
-15.2240


 253.9740, 2.8890,
-2.7990

 162.3290, -0.0890,
-14.9130

 135.7420, 0.1860,
-14.3900

 110.2690, 0.1400,
-13.5560

 86.2690, 0.1400,
-13.5560

 62.7960, 0.0940,
-12.7220

 40.3230, 0.0480,

-11.8880

■ 19.7250, -1.1440,
-12.3120

■ 0.0000, 0.0000,
0.0000

■ 217.1010, 0.5530,
-15.5350

■ 217.1010, 0.5530,
-15.5350

■ 210.8910, 0.7840,
-25.2320

■ 223.3110, 0.3220,
-5.8380

■ 205.0940, 1.2900,
-34.4060

■ 229.1080, -0.1840,
3.3360

■ 198.8840, 1.5210,
-44.1030

■ 234.9760, 0.5480,
12.1000

■ 192.6740, 1.7520,
-53.8000

■ 238.5640, 7.7000,
14.6440

■ 186.8770, 2.2580,
-62.9740

■ 180.6670, 2.4890,
-72.6710

■ 174.4570, 2.7200,
-82.3680

■ 168.5460, 3.5470,
-91.8530

■ 166.1390, 3.1350,
-95.4010

Harmonies

Analogous

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



219.2450, 17.8830, -10.2210



217.1010, 0.5530, -15.5350



214.9940, -18.1990, -17.1030

Triad

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



217.1010, 0.5530, -15.5350



217.0360, -35.2120, -0.6200



222.2640, 26.0400, 12.6640

Complementary

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



217.1010, 0.5530, -15.5350



199.8990, -0.5530, 15.5350

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.



224.5220, 16.6860, 16.9900



217.1010, 0.5530, -15.5350



219.8040, -19.5790, 7.9170

Square

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



217.1010, 0.5530, -15.5350



214.2430, -40.5290, -8.8890



223.6000, -1.1490, 15.3230



221.3860, 31.2680, 6.0200

Rectangle

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



217.1010, 0.5530, -15.5350



213.7740, -29.2030, -15.9150



223.6000, -1.1490, 15.3230



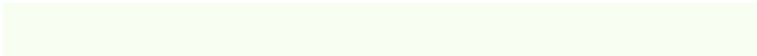
223.0620, 23.7930, 14.8410

Sweetspot

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



217.1010, 0.5530, -15.5350



251.4250, 0.0010, -5.5270



212.2160, 16.8270, -2.0930



125.8920, 0.1840, -3.3360



0.0000, 0.0000, 0.0000



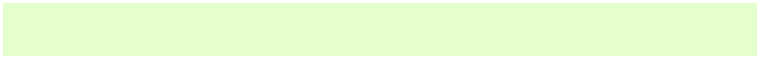
128.0000, -0.0000, -0.0000

Same Dimension

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



217.1010, 0.5530, -15.5350



241.4120, 0.8750, -21.3730



211.7190, -10.1750, -19.3510



111.8380, 0.2760, -5.0040



131.0860, 2.6270, -75.1730



37.4120, 0.8750, -21.3730

Inverse Universe

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



199.8990, -0.5530, 15.5350



217.5880, -0.8750, 21.3730



205.2810, 10.1750, 19.3510



106.1620, -0.2760, 5.0040



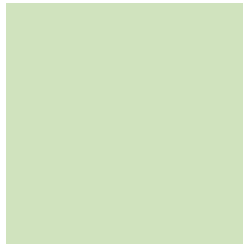
47.9140, -2.6270, 75.1730



13.5880, -0.8750, 21.3730

Previews

White Background



This preview shows how the YIQ color 217.1010, 0.5530, -15.5350 looks on a white background.

Color Contrast Check

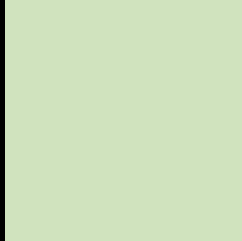
Large Text (above 18pt) WCAG AA × Fail

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 217.1010, 0.5530, -15.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

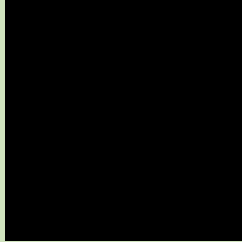
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

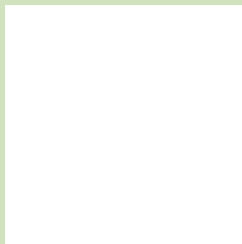
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.1010, 0.5530, -15.5350

Background



This preview shows how black text looks on a background with the YIQ color 217.1010, 0.5530, -15.5350.



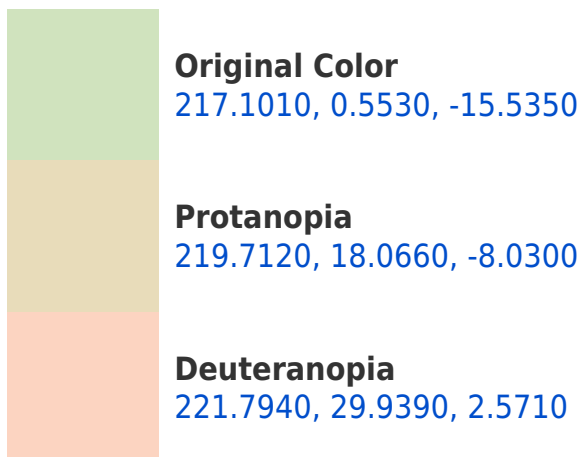
This preview shows how white text looks on a background with the YIQ color 217.1010, 0.5530,

-15.5350.

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

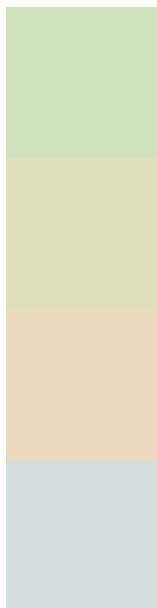




Tritanopia

220.5570, -8.7580, 4.5380

Trichromacy



Original Color

217.1010, 0.5530, -15.5350

Protanomaly

218.8960, 11.5560, -11.1960

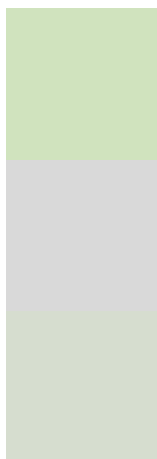
Deuteranomaly

219.8310, 19.3490, -3.7470

Tritanomaly

219.4830, -5.9140, -2.9540

Monochromacy



Original Color

217.1010, 0.5530, -15.5350

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.3110, 0.3220, -5.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.1010, 0.5530, -15.5350 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(208, 227, 190)` looks like.

```
.text, #text, p{  
    color:rgb(208, 227, 190)  
}
```

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(208, 227, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 227, 190) }
```

Border

The CSS property to change the border of an element to YIQ 217.1010, 0.5530, -15.5350 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(208, 227, 190) }
```


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

```
.border{ border-color:rgb(208, 227, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 227, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 227, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 227, 190); box-shadow:4px 4px 4px 4px rgb(208, 227, 190) }
```

Background

The CSS property to change the background color of an element to YIQ 217.1010, 0.5530, -15.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 227, 190) }
```

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

```
.background{ background-color: rgb(208,  
227, 190) }
```

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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