

Converting Colors

YIQ(215.4530, 10.8250,
-25.4870)

Have a look what the booklet for
YIQ(215.4530, 10.8250, -25.4870)
contains.

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Color

**YIQ(215.4530, 10.8250,
-25.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E5A0
RGB	210, 229, 160
RGB Percent	82%, 90%, 63%
CMY	0.1766, 0.1019, 0.3724
CMYK	0.08, 0.00, 0.30, 0.10
HSL	77°, 57%, 76%
HSV	77°, 30%, 90%
XYZ	60.9407, 72.2802, 44.0085
YIQ	215.4530, 10.8250, -25.4870

Conversions

Conversions Part 2

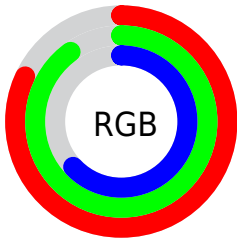
Format	Color
RYB	160, 229, 179
Decimal	13821344
CIELab	88.10, -17.57, 31.62
CIELCh	88, 36.171, 119.067
Yxy	72.2802, 0.3439, 0.4078
Android (android.graphics.Color)	4292011424 (0xFFD2E5A0)
YUV	215.4530, -27.3383, -4.7823
Hunter-Lab	85.0178, -20.8323, 28.8216

Details

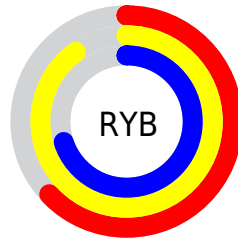
The YIQ color **215.4530, 10.8250, -25.4870** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173.5470, -10.8250, 25.4870**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.4400, 12.8400, -12.4400**, and **160.7950, 9.8620, -24.5540** is the 20% darker color. If you saturate the color by 10%, you get **211.0370, 14.6320, -33.9120**, and if you desaturate by 10%, it is **219.8690, 7.0180, -17.0620**.

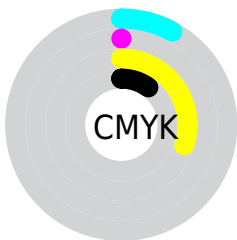
Distribution



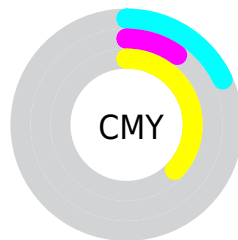
- Red (82%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (70%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)




- Cyan (18%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.4530, 10.8250, -25.4870 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 215.4530, 10.8250, -25.4870 by changing the saturation by 10% instead.

 215.4530, 10.8250,
-25.4870


 215.4530, 10.8250,
-25.4870


255.0000, -0.0000,
-0.0000


 187.6810, 10.1830,
-24.8650


 250.4400, 12.8400,
-12.4400


 160.7950, 9.8620,
-24.5540

 253.7460, 3.5310,
-3.4210

 134.0230, 9.2200,
-23.9320

 108.2510, 8.5780,
-23.3100

 83.4790, 7.9360,
-22.6880

 60.0660, 7.6610,
-23.2110

 38.9180, 5.3220,

-19.3660

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 215.4530, 10.8250,
-25.4870

■ 215.4530, 10.8250,
-25.4870

■ 211.0370, 14.6320,
-33.9120

■ 219.8690, 7.0180,
-17.0620

■ 206.3220, 17.8430,
-42.5490

■ 224.5840, 3.8070,
-8.4250

■ 201.9060, 21.6500,
-50.9740

■ 229.0000, -0.0000,
-0.0000

■ 197.4900, 25.4570,
-59.3990

■ 233.4160, -3.8070,
8.4250

■ 192.8890, 28.3470,
-67.7250

■ 235.8510, -0.5980,
10.8420

■ 188.4730, 32.1540,
-76.1500

■ 237.6450, 2.9780,
12.1140

■ 184.0570, 35.9610,
-84.5750

■ 239.4390, 6.5540,
13.3860

■ 239.7380, 7.1500,
13.5980

Harmonies

Analogous

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



218.8480, 37.8740, -14.5900



215.4530, 10.8250, -25.4870



210.4520, -22.9650, -29.8530

Triad

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



215.4530, 10.8250, -25.4870



204.7000, -69.9170, -15.9410



216.7190, 26.4970, 20.9050

Complementary

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



215.4530, 10.8250, -25.4870



173.5470, -10.8250, 25.4870

Split Complementary

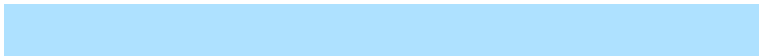
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.3020, 14.8500, 28.2420



215.4530, 10.8250, -25.4870



213.1710, -40.0260, -1.4820

Square

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



215.4530, 10.8250, -25.4870



202.3240, -80.7820, -22.7820



221.0770, -6.9260, 15.3940



214.0170, 36.8610, 9.2850

Rectangle

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



215.4530, 10.8250, -25.4870



206.9470, -46.3480, -30.0920



221.0770, -6.9260, 15.3940



218.6740, 22.3700, 24.1140

Sweetspot

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



215.4530, 10.8250, -25.4870



250.5840, 3.8070, -8.4250



191.1970, 36.1740, 5.2140



125.0940, 2.4310, -5.5130



0.0000, 0.0000, 0.0000



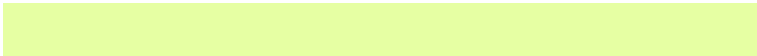
128.0000, -0.0000, -0.0000

Same Dimension

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



215.4530, 10.8250, -25.4870



237.0370, 14.6320, -33.9120



205.2870, -9.4390, -32.6950



112.7350, 2.0640, -4.3680



143.6440, 27.6590, -66.2690



41.0000, 8.0270, -18.8290

Inverse Universe

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



173.5470, -10.8250, 25.4870



181.2620, -14.0360, 34.1240



183.7130, 9.4390, 32.6950



105.2650, -2.0640, 4.3680



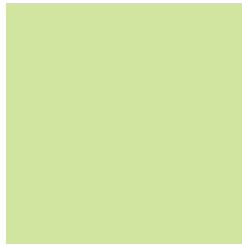
35.0570, -28.2550, 66.0570



10.0000, -8.0270, 18.8290

Previews

White Background



This preview shows how the YIQ color 215.4530, 10.8250, -25.4870 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 215.4530, 10.8250, -25.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

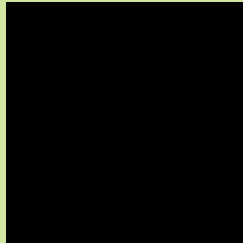
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

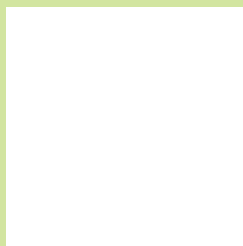
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.4530, 10.8250, -25.4870

Background



This preview shows how black text looks on a background with the YIQ color 215.4530, 10.8250, -25.4870.



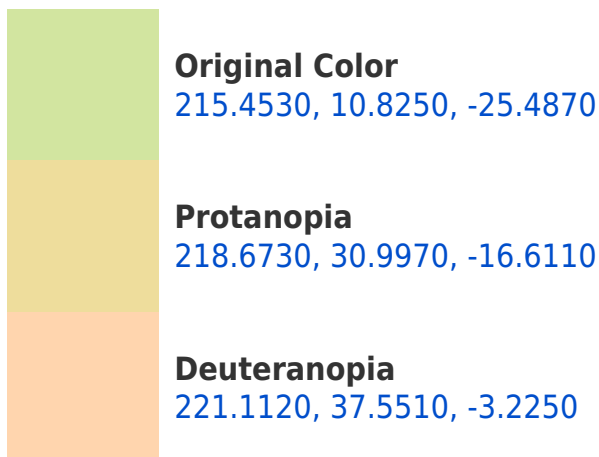
This preview shows how white text looks on a background with the YIQ color 215.4530, 10.8250, -25.4870.

-25.4870.

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

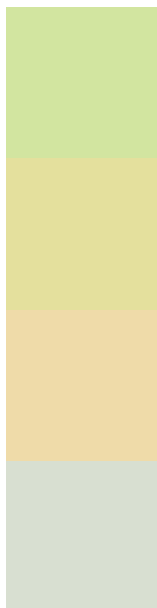




Tritanopia

221.3510, -5.1820, 5.8100

Trichromacy



Original Color

215.4530, 10.8250, -25.4870

Protanomaly

217.5580, 23.8910, -19.9890

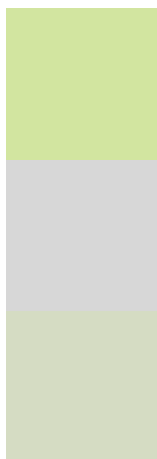
Deuteranomaly

219.2800, 27.9700, -11.3100

Tritanomaly

219.3110, 0.3220, -5.8380

Monochromacy



Original Color

215.4530, 10.8250, -25.4870

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.0570, 3.8530, -9.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.4530, 10.8250, -25.4870 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(210, 229, 160)` looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 160)  
}
```

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(210, 229, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 160) }
```

Border

The CSS property to change the border of an element to YIQ 215.4530, 10.8250, -25.4870 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(210, 229, 160) }
```


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

```
.border{ border-color:rgb(210, 229, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 229, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 229, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 229, 160); box-shadow:4px 4px 4px 4px rgb(210, 229, 160) }
```

Background

The CSS property to change the background color of an element to YIQ 215.4530, 10.8250, -25.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 160) }
```

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

```
.background{ background-color: rgb(210,  
229, 160) }
```

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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