

Converting Colors

YIQ(215.4700, 29.3500,
-36.3300)

Have a look what the booklet for
YIQ(215.4700, 29.3500, -36.3300)
contains.

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Color

**YIQ(215.4700, 29.3500,
-36.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE779
RGB	221, 231, 121
RGB Percent	87%, 91%, 47%
CMY	0.1334, 0.0941, 0.5253
CMYK	0.04, 0.00, 0.48, 0.09
HSL	65°, 70%, 69%
HSV	65°, 48%, 91%
XYZ	61.8430, 73.9042, 29.1112
YIQ	215.4700, 29.3500, -36.3300

Conversions

Conversions Part 2

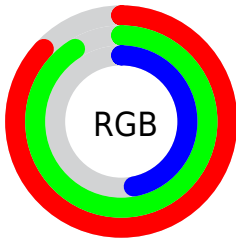
Format	Color
RYB	121, 231, 131
Decimal	14542713
CIELab	88.88, -18.79, 51.98
CIElCh	89, 55.272, 109.876
Yxy	73.9042, 0.3751, 0.4483
Android (android.graphics.Color)	4292732793 (0xFFDDE779)
YUV	215.4700, -46.5737, 4.8498
Hunter-Lab	85.9676, -22.0346, 40.0999

Details

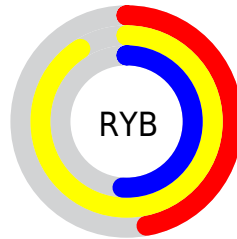
The YIQ color **215.4700, 29.3500, -36.3300** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **136.5300, -29.3500, 36.3300**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.8800, 25.6800, -24.8800**, and **160.1000, 27.5160, -36.1320** is the 20% darker color. If you saturate the color by 10%, you get **212.2500, 35.5410, -43.9070**, and if you desaturate by 10%, it is **218.6900, 23.1590, -28.7530**.

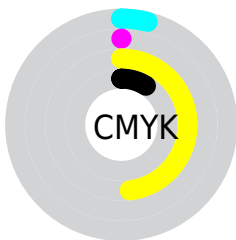
Distribution



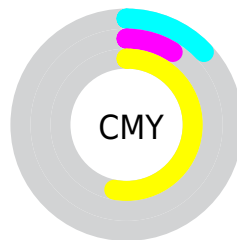
- Red (87%)
- Green (91%)
- Blue (47%)



- Red (47%)
- Yellow (91%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (48%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.4700, 29.3500, -36.3300 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 215.4700, 29.3500, -36.3300 by changing the saturation by 10% instead.

215.4700, 29.3500,
-36.3300

215.4700, 29.3500,
-36.3300

255.0000, -0.0000,
-0.0000

187.3990, 28.1120,
-35.9200

245.9940, 25.3590,
-24.5690

160.2140, 27.1950,
-35.8210

249.1860, 16.3710,
-15.8610

132.9150, 26.5990,
-36.0330

252.3780, 7.3830,
-7.1530

105.8180, 28.2500,
-38.4220

82.3430, 22.5180,
-33.6580

60.7800, 14.2180,
-26.4060

40.0920, 4.7720,

-20.4120

■ 18.4960, -7.9290,
-16.0010

■ 0.0000, 0.0000,
0.0000

■ 215.4700, 29.3500,
-36.3300

■ 215.4700, 29.3500,
-36.3300

■ 212.2500, 35.5410,
-43.9070

■ 218.6900, 23.1590,
-28.7530

■ 209.0300, 41.7320,
-51.4840

■ 221.9100, 16.9680,
-21.1760

■ 205.8100, 47.9230,
-59.0610

■ 225.1300, 10.7770,
-13.5990

■ 202.5900, 54.1140,
-66.6380

■ 228.3500, 4.5860,
-6.0220

■ 199.0710, 59.7090,
-74.4270

■ 231.9830, -1.3300,
2.0780

■ 198.3870, 61.6350,
-76.2930

■ 234.6330, -5.9160,
8.1000

■ 235.2310, -4.7240,
8.5240

■ 235.8290, -3.5320,
8.9480

■ 236.4270, -2.3400,
9.3720

Harmonies

Analogous

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



215.3150, 55.2520, -21.1640



215.4700, 29.3500, -36.3300



207.9230, -20.5780, -45.5860

Triad

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



215.4700, 29.3500, -36.3300



172.8850, -149.2300, -48.8300



210.7810, 23.9270, 34.4470

Complementary

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



215.4700, 29.3500, -36.3300



136.5300, -29.3500, 36.3300

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.



220.3670, 16.2250, 30.8570



215.4700, 29.3500, -36.3300



194.8330, -89.5850, -22.9370

Square

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



215.4700, 29.3500, -36.3300



175.8200, -150.6050, -51.4450



215.6620, -22.0550, 8.7370



204.7390, 40.9400, 17.9640

Rectangle

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



215.4700, 29.3500, -36.3300



199.5560, -62.0250, -48.8490



215.6620, -22.0550, 8.7370



214.4970, 18.9750, 36.0870

Sweetspot

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



215.4700, 29.3500, -36.3300



249.9990, 9.7680, -11.8320



159.1730, 63.0850, 18.6130



124.8940, 5.8700, -7.2660



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.



215.4700, 29.3500, -36.3300



234.5830, 38.7970, -47.8510



199.3240, -2.8340, -47.7780



113.3330, 3.2560, -3.9440



153.5110, 47.3270, -59.2730



43.6910, 13.3910, -16.9210

Inverse Universe

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



136.5300, -29.3500, 36.3300



130.4170, -38.7970, 47.8510



152.6760, 2.8340, 47.7780



104.6670, -3.2560, 3.9440



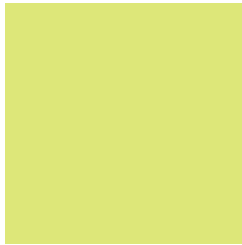
25.1900, -47.9230, 59.0610



7.3090, -13.3910, 16.9210

Previews

White Background



This preview shows how the YIQ color 215.4700, 29.3500, -36.3300 looks on a white background.

Color Contrast Check

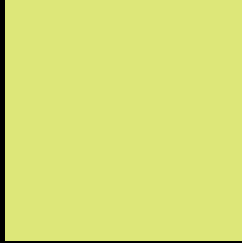
Large Text (above 18pt) WCAG AA × Fail

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 215.4700, 29.3500, -36.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

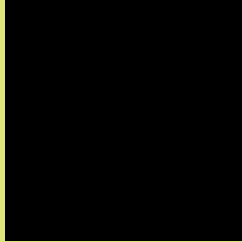
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.4700, 29.3500, -36.3300

Background



This preview shows how black text looks on a background with the YIQ color 215.4700, 29.3500, -36.3300.



This preview shows how white text looks on a background with the YIQ color 215.4700, 29.3500, -36.3300.

-36.3300.

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
Protanopia
Deuteranopia

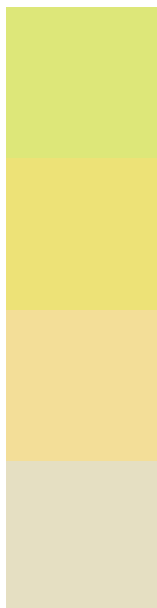
215.4700, 29.3500, -36.3300
217.9070, 47.4130, -27.7790
223.0040, 37.7350, -6.5610



Tritanopia

224.7220, 4.0790, 8.6790

Trichromacy



Original Color

215.4700, 29.3500, -36.3300

Protanomaly

217.0910, 40.9030, -30.9450

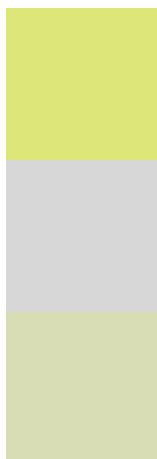
Deuteranomaly

220.2990, 34.9860, -17.3180

Tritanomaly

221.4880, 12.8850, -7.7470

Monochromacy



Original Color

215.4700, 29.3500, -36.3300

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.2440, 10.4560, -13.2880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.4700, 29.3500, -36.3300 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(221, 231, 121)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 121)  
}
```

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(221, 231, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 121) }
```

Border

The CSS property to change the border of an element to YIQ 215.4700, 29.3500, -36.3300 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(221, 231, 121) }
```


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

```
.border{ border-color:rgb(221, 231, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 231, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 121);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 215.4700, 29.3500, -36.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 121) }
```

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

```
.background{ background-color: rgb(221,  
231, 121) }
```

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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