

Converting Colors

YIQ(211.1290, 3.3500, -16.6660)

Have a look what the booklet for
YIQ(211.1290, 3.3500, -16.6660)
contains.

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Color

**YIQ(211.1290, 3.3500,
-16.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDDB3
RGB	204, 221, 179
RGB Percent	80%, 87%, 70%
CMY	0.2001, 0.1333, 0.2980
CMYK	0.08, 0.00, 0.19, 0.13
HSL	84°, 38%, 78%
HSV	84°, 19%, 87%
XYZ	58.8934, 67.8067, 52.6380
YIQ	211.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

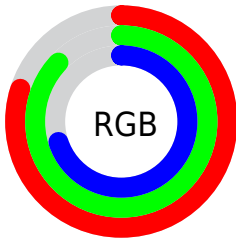
Format	Color
RYB	179, 221, 196
Decimal	13426099
CIELab	85.91, -13.00, 18.74
CIELCh	86, 22.807, 124.754
Yxy	67.8067, 0.3284, 0.3781
Android (android.graphics.Color)	4291616179 (0xFFCCDDB3)
YUV	211.1290, -15.8396, -6.2521
Hunter-Lab	82.3448, -16.4396, 19.7409

Details

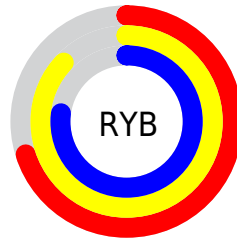
The YIQ color $211.1290, 3.3500, -16.6660$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $188.8710, -3.3500, 16.6660$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $252.7200, 6.4200, -6.2200$, and $156.6560, 3.3040, -15.8320$ is the 20% darker color. If you saturate the color by 10%, you get $205.9300, 5.0480, -25.4160$, and if you desaturate by 10%, it is $216.3280, 1.6520, -7.9160$.

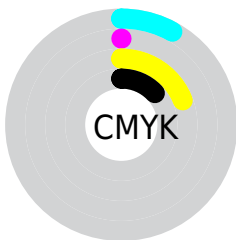
Distribution



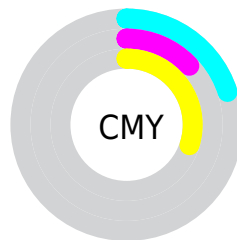
- Red (80%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.1290, 3.3500, -16.6660 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 211.1290, 3.3500, -16.6660 by changing the saturation by 10% instead.

■ 211.1290, 3.3500,
-16.6660

■ 211.1290, 3.3500,
-16.6660

255.0000, -0.0000,
-0.0000

■ 183.2430, 3.0290,
-16.3550

■ 252.7200, 6.4200,
-6.2200

■ 156.6560, 3.3040,
-15.8320

■ 130.7700, 2.9830,
-15.5210

■ 104.9980, 2.3410,
-14.8990

■ 81.1120, 2.0200,
-14.5880

■ 57.6390, 1.9740,
-13.7540

■ 35.6390, 1.9740,

-13.7540

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 211.1290, 3.3500,
-16.6660

■ 211.1290, 3.3500,
-16.6660

■ 205.9300, 5.0480,
-25.4160

■ 216.3280, 1.6520,
-7.9160

■ 200.7310, 6.7460,
-34.1660

■ 221.5270, -0.0460,
0.8340

■ 195.5320, 8.4440,
-42.9160

■ 226.7260, -1.7440,
9.5840

■ 190.3330, 10.1420,
-51.6660

■ 230.5570, 0.4100,
14.6020

■ 185.1340, 11.8400,
-60.4160

■ 233.2480, 5.7740,
16.5100

■ 179.8210, 13.8590,
-69.4770

■ 235.0420, 9.3500,
17.7820

■ 174.6220, 15.5570,
-78.2270

■ 169.4230, 17.2550,
-86.9770

■ 168.8960, 17.3010,
-87.8110

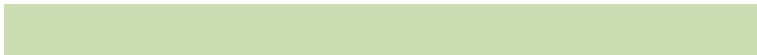
Harmonies

Analogous

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



213.3980, 21.8260, -10.0940



211.1290, 3.3500, -16.6660



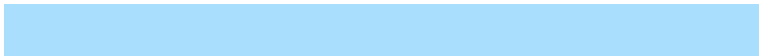
208.8260, -17.7860, -19.0820

Triad

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



211.1290, 3.3500, -16.6660



209.6870, -41.5390, -1.5950



217.8130, 28.9280, 15.3920

Complementary

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



211.1290, 3.3500, -16.6660



188.8710, -3.3500, 16.6660

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.



218.8040, 15.9520, 19.2800



211.1290, 3.3500, -16.6660



214.1670, -25.0350, 7.6770

Square

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



211.1290, 3.3500, -16.6660



206.5520, -45.8930, -10.7970



217.2730, -4.5420, 16.2420



216.5930, 35.1190, 7.8150

Rectangle

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



211.1290, 3.3500, -16.6660



206.8230, -30.8990, -18.2190



217.2730, -4.5420, 16.2420



218.6110, 26.6810, 17.5690

Sweetspot

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



211.1290, 3.3500, -16.6660



251.4960, 1.2390, -5.9370



201.5370, 20.3570, 0.0130



125.7780, 0.5050, -3.6470



0.0000, 0.0000, 0.0000



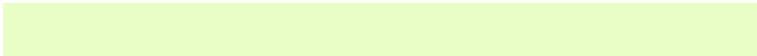
128.0000, -0.0000, -0.0000

Same Dimension

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



211.1290, 3.3500, -16.6660



241.0980, 4.6350, -23.4370



204.8500, -9.1660, -21.1180



107.2510, 0.5510, -4.4810



132.3480, 13.8130, -68.6430



35.0750, 3.4420, -18.3340

Inverse Universe

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



188.8710, -3.3500, 16.6660



209.9020, -4.6350, 23.4370



195.1500, 9.1660, 21.1180



101.4500, -1.1470, 4.2690



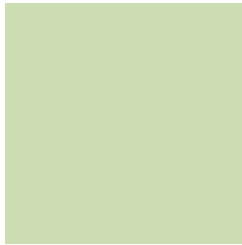
40.6520, -13.8130, 68.6430



10.9250, -3.4420, 18.3340

Previews

White Background



This preview shows how the YIQ color 211.1290, 3.3500, -16.6660 looks on a white background.

Color Contrast Check

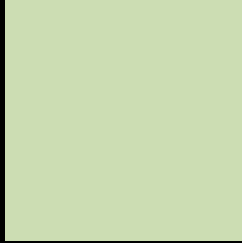
Large Text (above 18pt) WCAG AA × Fail

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 211.1290, 3.3500, -16.6660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

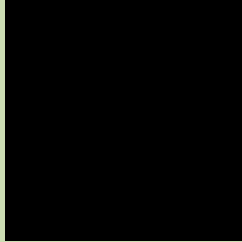
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

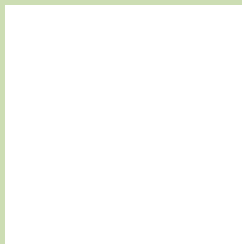
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.1290, 3.3500, -16.6660

Background



This preview shows how black text looks on a background with the YIQ color 211.1290, 3.3500, -16.6660.



This preview shows how white text looks on a background with the YIQ color 211.1290, 3.3500,

-16.6660.

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

211.1290, 3.3500, -16.6660

Protanopia

213.5550, 19.9460, -9.0620

Deuteranopia

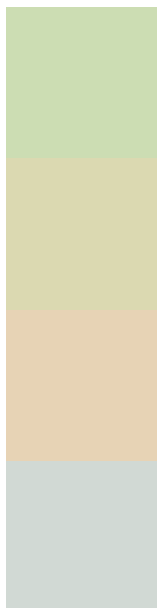
215.5230, 32.1400, 1.2280



Tritanopia

215.3400, -6.6490, 4.8630

Trichromacy



Original Color

211.1290, 3.3500, -16.6660

Protanomaly

213.0380, 14.0320, -12.0160

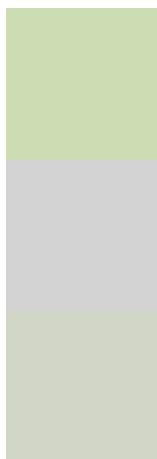
Deuteranomaly

213.5600, 21.5500, -5.0900

Tritanomaly

214.0380, -3.1630, -3.2510

Monochromacy



Original Color

211.1290, 3.3500, -16.6660

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0830, 0.9640, -6.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.1290, 3.3500, -16.6660 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(204, 221, 179)` looks like.

```
.text, #text, p{  
    color:rgb(204, 221, 179)  
}
```

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(204, 221, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 221, 179) }
```

Border

The CSS property to change the border of an element to YIQ 211.1290, 3.3500, -16.6660 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(204, 221, 179) }
```


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

```
.border{ border-color:rgb(204, 221, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 221, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 221, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 221, 179);  
box-shadow:4px 4px 4px 4px rgb(204, 221,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 211.1290, 3.3500, -16.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 221, 179) }
```

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

```
.background{ background-color: rgb(204,  
221, 179) }
```

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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