

Converting Colors

YIQ(215.1580, -12.7890,
-16.0290)

Have a look what the booklet for
YIQ(215.1580, -12.7890, -16.0290)
contains.

YIQ(215.1580, -12.7890, -16.0290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(215.1580, -12.7890,
-16.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E5CA
RGB	193, 229, 202
RGB Percent	76%, 90%, 79%
CMY	0.2432, 0.1019, 0.2079
CMYK	0.16, 0.00, 0.12, 0.10
HSL	135°, 41%, 83%
HSV	135°, 16%, 90%
XYZ	60.6689, 71.6449, 66.5036
YIQ	215.1580, -12.7890, -16.0290

Conversions

Conversions Part 2

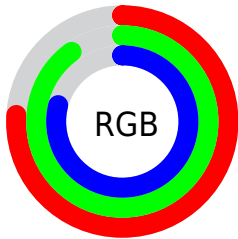
Format	Color
RYB	193, 222, 229
Decimal	12707274
CIELab	87.80, -16.90, 9.27
CIELCh	88, 19.272, 151.249
Yxy	71.6449, 0.3051, 0.3604
Android (android.graphics.Color)	4290897354 (0xFFC1E5CA)
YUV	215.1580, -6.4869, -19.4326
Hunter-Lab	84.6433, -20.1842, 12.6666

Details

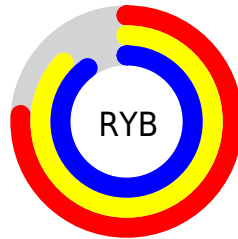
The YIQ color **215.1580, -12.7890, -16.0290** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **206.8420, 12.7890, 16.0290**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **253.5050, -2.9800, -1.0600**, and **159.9840, -12.2390, -14.9830** is the 20% darker color. If you saturate the color by 10%, you get **206.3430, -21.0400, -26.1920**, and if you desaturate by 10%, it is **223.9730, -4.5380, -5.8660**.

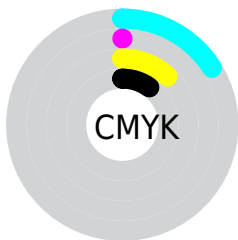
Distribution



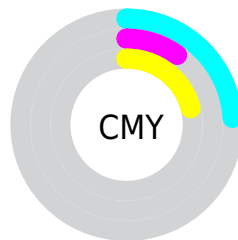
- Red (76%)
- Green (90%)
- Blue (79%)



- Red (76%)
- Yellow (87%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.1580, -12.7890, -16.0290 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 215.1580, -12.7890, -16.0290 by changing the saturation by 10% instead.

■ 215.1580,
-12.7890, -16.0290

■ 215.1580,
-12.7890, -16.0290

255.0000, -0.0000,
-0.0000

■ 187.5710,
-12.5140, -15.5060

■ 253.5050, -2.9800,
-1.0600

■ 159.9840,
-12.2390, -14.9830

■ 133.9840,
-12.2390, -14.9830

■ 108.3970,
-11.9640, -14.4600

■ 83.9240, -12.0100,
-13.6260

■ 60.6360, -11.1390,
-12.8910

■ 38.4510, -12.0560,

-12.7920

■ 17.5930, -9.5800,
-13.6120

■ 0.0000, 0.0000,
0.0000

■ 215.1580,
-12.7890, -16.0290

■ 215.1580,
-12.7890, -16.0290

■ 206.3430,
-21.0400, -26.1920

■ 223.9730, -4.5380,
-5.8660

■ 197.5280,
-29.2910, -36.3550

■ 232.7880, 3.7130,
4.2970

■ 188.5990,
-37.2210, -46.8290

■ 239.6240, 7.4710,
13.2870

■ 179.7840,
-45.4720, -56.9920

■ 239.7380, 7.1500,
13.5980

■ 170.9690,
-53.7230, -67.1550

■ 162.4530,
-61.3780, -77.1060

■ 153.6380,
-69.6290, -87.2690

■ 144.8230,
-77.8800, -97.4320

■ 140.9210,
-81.2720, -102.0400

Harmonies

Analogous

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



217.6070, 5.0000, -13.5280



215.1580, -12.7890, -16.0290



213.6000, -28.6530, -14.8690

Triad

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



215.1580, -12.7890, -16.0290



218.8960, -22.8340, 6.3340



221.9560, 29.6630, 7.5750

Complementary

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



215.1580, -12.7890, -16.0290



206.8420, 12.7890, 16.0290

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.



222.8340, 24.4350, 14.2190



215.1580, -12.7890, -16.0290



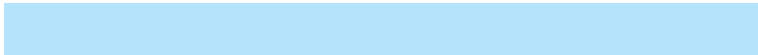
222.0940, -5.5960, 13.3160

Square

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



215.1580, -12.7890, -16.0290



216.0960, -35.4410, -1.9770



223.6570, 11.8720, 16.1280



221.3270, 29.7560, 0.3800

Rectangle

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



215.1580, -12.7890, -16.0290



213.5870, -35.8060, -11.8860



223.6570, 11.8720, 16.1280



222.0530, 28.0120, 9.9640

Sweetspot

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



215.1580, -12.7890, -16.0290



249.9730, -4.5380, -5.8660



222.2050, 6.1920, -13.1040



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



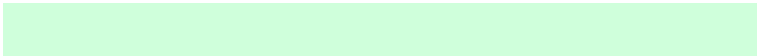
128.0000, -0.0000, -0.0000

Same Dimension

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



215.1580, -12.7890, -16.0290



236.5440, -17.0520, -21.3720



217.2100, -18.5670, -10.4310



110.3860, -4.2630, -5.3430



110.2030, -63.6700, -79.6220



31.4190, -18.1980, -22.6300

Inverse Universe

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



206.8420, 12.7890, 16.0290



225.4560, 17.0520, 21.3720



204.7900, 18.5670, 10.4310



107.6140, 4.2630, 5.3430



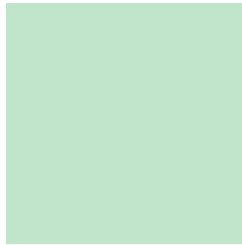
68.7970, 63.6700, 79.6220



19.5810, 18.1980, 22.6300

Previews

White Background



This preview shows how the YIQ color 215.1580, -12.7890, -16.0290 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 215.1580, -12.7890, -16.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

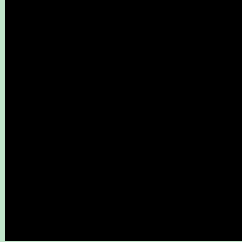
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

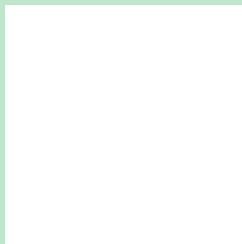
Any Text WCAG AAA ✓ Pass

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

YIQ 215.1580, -12.7890, -16.0290 Background



This preview shows how black text looks on a background with the YIQ color 215.1580, -12.7890, -16.0290.



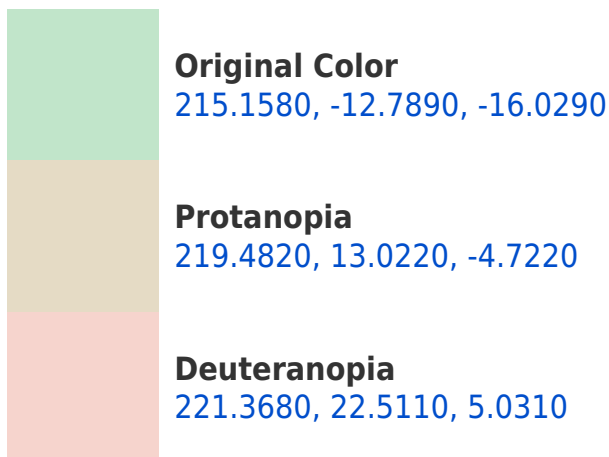
This preview shows how white text looks on a background with the YIQ color 215.1580, -12.7890, -16.0290.

-16.0290.

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

218.1750, -19.4860, 0.7220

Trichromacy



Original Color

215.1580, -12.7890, -16.0290

Protanomaly

218.1710, 3.5320, -8.9480

Deuteranomaly

219.0950, 9.8580, -2.4460

Tritanomaly

216.8560, -17.3300, -5.3140

Monochromacy



Original Color

215.1580, -12.7890, -16.0290

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.1580, -12.7890, -16.0290 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(193, 229, 202)` looks like.

```
.text, #text, p{  
    color:rgb(193, 229, 202)  
}
```

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(193, 229, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 229, 202) }
```

Border

The CSS property to change the border of an element to YIQ 215.1580, -12.7890, -16.0290 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(193, 229, 202) }
```


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

```
.border{ border-color:rgb(193, 229, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 229, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 229, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 229, 202);  
box-shadow:4px 4px 4px 4px rgb(193, 229,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 215.1580, -12.7890, -16.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 229, 202) }
```

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

```
.background{ background-color: rgb(193,  
229, 202) }
```

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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