

Converting Colors

YIQ(202.9330, -16.2290,
-8.7490)

Have a look what the booklet for
YIQ(202.9330, -16.2290, -8.7490)
contains.

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Color

**YIQ(202.9330, -16.2290,
-8.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D5CE
RGB	182, 213, 206
RGB Percent	71%, 84%, 81%
CMY	0.2863, 0.1646, 0.1922
CMYK	0.15, 0.00, 0.03, 0.16
HSL	166°, 27%, 77%
HSV	166°, 15%, 84%
XYZ	54.2230, 61.9932, 67.4910
YIQ	202.9330, -16.2290, -8.7490

Conversions

Conversions Part 2

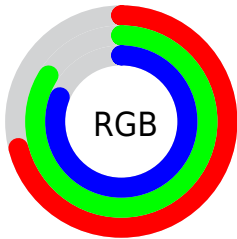
Format	Color
R _Y B	182, 199, 213
Decimal	11982286
CIE Lab	82.91, -11.65, 0.01
CIE LCh	83, 11.650, 179.962
Yxy	61.9932, 0.2952, 0.3375
Android (android.graphics.Color)	4290172366 (0xFFB6D5CE)
YUV	202.9330, 1.5120, -18.3582
Hunter-Lab	78.7358, -14.8600, 4.2926

Details

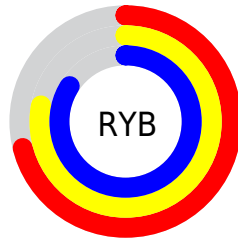
The YIQ color **202.9330, -16.2290, -8.7490** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **192.0670, 16.2290, 8.7490**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.9170, -10.1320, -3.6040**, and **148.6450, -15.3580, -8.0140** is the 20% darker color. If you saturate the color by 10%, you get **196.0840, -27.1400, -14.7560**, and if you desaturate by 10%, it is **209.7820, -5.3180, -2.7420**.

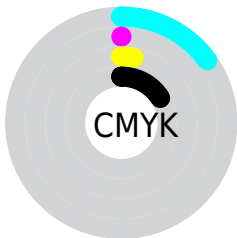
Distribution



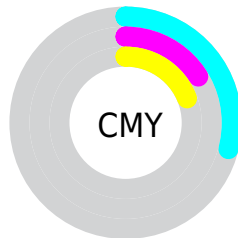
- Red (71%)
- Green (84%)
- Blue (81%)



- Red (71%)
- Yellow (78%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.9330, -16.2290, -8.7490 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 202.9330, -16.2290, -8.7490 by changing the saturation by 10% instead.

■ 202.9330,
-16.2290, -8.7490

■ 202.9330,
-16.2290, -8.7490

■ 255.0000, -0.0000,
-0.0000

■ 175.3460,
-15.9540, -8.2260

■ 249.9170,
-10.1320, -3.6040

■ 148.6450,
-15.3580, -8.0140

■ 122.6450,
-15.3580, -8.0140

■ 97.9440, -14.7620,
-7.8020

■ 73.9440, -14.7620,
-7.8020

■ 51.2430, -14.1660,
-7.5900

■ 29.3570, -14.4870,

-7.2790

■ 11.7060, -8.1600,
-6.3040

■ 0.0000, 0.0000,
0.0000

■ 202.9330,
-16.2290, -8.7490

■ 202.9330,
-16.2290, -8.7490

■ 196.0840,
-27.1400, -14.7560

■ 209.7820, -5.3180,
-2.7420

■ 188.9360,
-38.6470, -20.9750

■ 216.9300, 6.1890,
3.4770

■ 182.2010,
-49.8790, -26.6710

■ 223.6650, 17.4210,
9.1730

■ 175.3520,
-60.7900, -32.6780

■ 226.9260, 21.1800,
12.6360

■ 168.2040,
-72.2970, -38.8970

■ 227.4960, 19.5750,
14.1910

■ 161.3550,
-83.2080, -44.9040

■ 228.0660, 17.9700,
15.7460

■ 154.5060,
-94.1190, -50.9110

■ 228.6360, 16.3650,
17.3010

■ 147.6570,
-105.0300, -56.9180

■ 229.2060, 14.7600,
18.8560

■ 143.8410,
-111.5400, -60.0840

■ 229.6620, 13.4760,
20.1000

Harmonies

Analogous

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



203.7830, -7.0590, -9.7390



202.9330, -16.2290, -8.7490



203.2900, -21.5480, -5.9640

Triad

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



202.9330, -16.2290, -8.7490



207.8890, -3.7610, 7.5910



207.2810, 18.2020, 0.5220

Complementary

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



202.9330, -16.2290, -8.7490



192.0670, 16.2290, 8.7490

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.



208.5140, 19.1640, 5.1160



202.9330, -16.2290, -8.7490



208.9180, 6.4630, 9.5270

Square

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



202.9330, -16.2290, -8.7490



205.8060, -13.8930, 3.9870



208.8820, 15.3120, 8.8480



206.5960, 12.7010, -4.4110

Rectangle

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



202.9330, -16.2290, -8.7490



203.6970, -21.1360, -2.4160



208.8820, 15.3120, 8.8480



207.8190, 19.6230, 2.3030

Sweetspot

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



202.9330, -16.2290, -8.7490



251.7820, -5.3180, -2.7420



202.2900, -4.3530, -14.7290



125.6790, -3.5300, -2.1060



0.0000, 0.0000, 0.0000



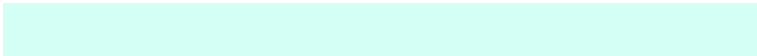
128.0000, -0.0000, -0.0000

Same Dimension

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



202.9330, -16.2290, -8.7490



241.0030, -22.4180, -12.2260



199.0350, -16.2760, -2.3880



103.4830, -5.9140, -2.9540



115.4250, -89.3970, -48.3810



29.1170, -22.7390, -11.9150

Inverse Universe

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



192.0670, 16.2290, 8.7490



225.8830, 22.7390, 11.9150



195.9650, 16.2760, 2.3880



99.6310, 5.5930, 3.2650



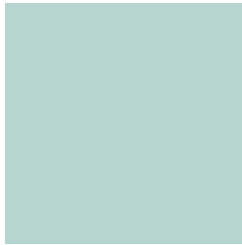
55.5750, 89.3970, 48.3810



13.9970, 22.4180, 12.2260

Previews

White Background



This preview shows how the YIQ color 202.9330, -16.2290, -8.7490 looks on a white background.

Color Contrast Check

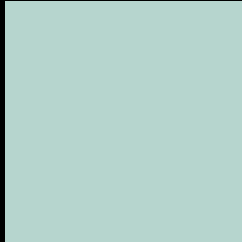
Large Text (above 18pt) WCAG AA × Fail

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 202.9330, -16.2290, -8.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

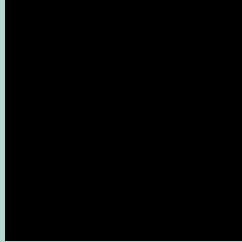
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

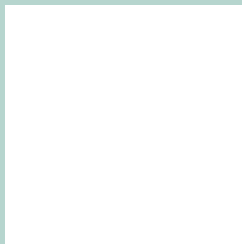
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 202.9330, -16.2290, -8.7490

Background



This preview shows how black text looks on a background with the YIQ color 202.9330, -16.2290, -8.7490.



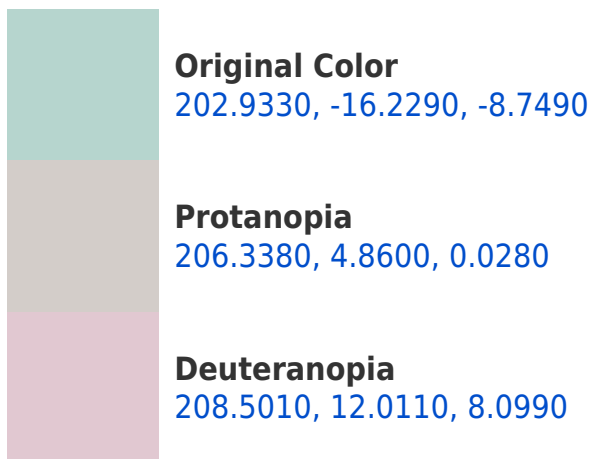
This preview shows how white text looks on a background with the YIQ color 202.9330, -16.2290, -8.7490.

-8.7490.

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

204.7620, -19.7610, 0.1990

Trichromacy



Original Color

202.9330, -16.2290, -8.7490

Protanomaly

205.0380, -3.1630, -3.2510

Deuteranomaly

206.5380, 1.4210, 1.7810

Tritanomaly

204.1380, -18.0640, -3.0240

Monochromacy



Original Color

202.9330, -16.2290, -8.7490

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.0700, -6.1890, -3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9330, -16.2290, -8.7490 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(182, 213, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 213, 206)  
}
```

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(182, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 213, 206) }
```

Border

The CSS property to change the border of an element to YIQ 202.9330, -16.2290, -8.7490 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(182, 213, 206) }
```


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

```
.border{ border-color:rgb(182, 213, 206) }
```

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

Here you see how a box with a 4 pixel rgb(182, 213, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 213,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9330, -16.2290, -8.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 213, 206) }
```

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

```
.background{ background-color: rgb(182,  
213, 206) }
```

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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