

Converting Colors

YIQ(204.8660, -32.4580,
-17.4980)

Have a look what the booklet for
YIQ(204.8660, -32.4580, -17.4980)
contains.

YIQ(204.8660, -32.4580, -17.4980)	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(204.8660, -32.4580,
-17.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E1D3
RGB	163, 225, 211
RGB Percent	64%, 88%, 83%
CMY	0.3609, 0.1175, 0.1727
CMYK	0.28, 0.00, 0.06, 0.12
HSL	166°, 51%, 76%
HSV	166°, 28%, 88%
XYZ	53.7824, 66.3485, 71.5801
YIQ	204.8660, -32.4580, -17.4980

Conversions

Conversions Part 2

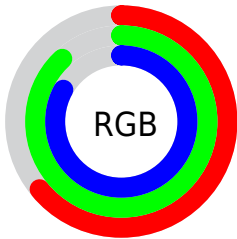
Format	Color
RYB	163, 198, 225
Decimal	10740179
CIELab	85.17, -22.54, 0.53
CIELCh	85, 22.542, 178.641
Yxy	66.3485, 0.2805, 0.3461
Android (android.graphics.Color)	4288930259 (0xFFA3E1D3)
YUV	204.8660, 3.0241, -36.7165
Hunter-Lab	81.4546, -24.6863, 4.9157

Details

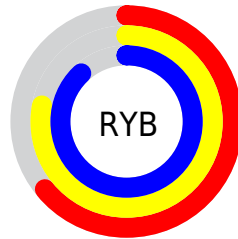
The YIQ color **204.8660, -32.4580, -17.4980** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183.1340, 32.4580, 17.4980**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2360, -21.4560, -7.6320**, and **150.2790, -32.1830, -16.9750** is the 20% darker color. If you saturate the color by 10%, you get **197.4190, -44.5610, -23.9290**, and if you desaturate by 10%, it is **212.0140, -20.9510, -11.2790**.

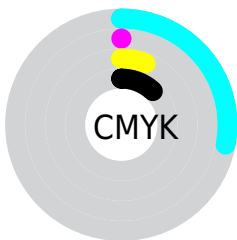
Distribution



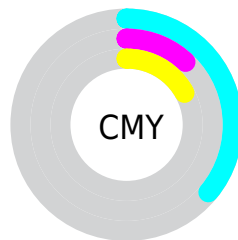
- Red (64%)
- Green (88%)
- Blue (83%)



- Red (64%)
- Yellow (78%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (36%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.8660, -32.4580, -17.4980 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 204.8660, -32.4580, -17.4980 by changing the saturation by 10% instead.

■ 204.8660,
-32.4580, -17.4980

■ 204.8660,
-32.4580, -17.4980

■ 255.0000, -0.0000,
-0.0000

■ 177.1650,
-31.8620, -17.2860

■ 244.2360,
-21.4560, -7.6320

■ 150.2790,
-32.1830, -16.9750

■ 252.9070, -4.1720,
-1.4840

■ 123.5780,
-31.5870, -16.7630

■ 97.9910, -31.3120,
-16.2400

■ 72.5070, -32.8250,
-16.3530

■ 46.5280, -37.3180,
-17.5260

■ 31.2200, -24.5270,

-12.5510

■ 17.6730, -12.5610,
-9.1450

■ 0.0000, 0.0000,
0.0000

■ 204.8660,
-32.4580, -17.4980

■ 204.8660,
-32.4580, -17.4980

■ 197.4190,
-44.5610, -23.9290

■ 212.0140,
-20.9510, -11.2790

■ 190.2710,
-56.0680, -30.1480

■ 219.4610, -8.8480,
-4.8480

■ 182.8240,
-68.1710, -36.5790

■ 226.6090, 2.6590,
1.3710

■ 175.6760,
-79.6780, -42.7980

■ 234.0560, 14.7620,
7.8020

■ 168.1150,
-91.4600, -49.5400

■ 235.2240, 14.3490,
9.7810

■ 160.9670,
-102.9670, -55.7590

■ 235.9080, 12.4230,
11.6470

■ 153.5200,
-115.0700, -62.1900

■ 236.4780, 10.8180,
13.2020

■ 151.9110,
-117.7290, -63.5610

■ 237.0480, 9.2130,
14.7570

■ 237.3900, 8.2500,
15.6900

Harmonies

Analogous

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



207.2780, -13.2470, -18.7430



204.8660, -32.4580, -17.4980



204.2810, -43.6920, -12.1400

Triad

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



204.8660, -32.4580, -17.4980



214.8810, -9.3100, 14.5460



214.0780, 34.8910, 0.9310

Complementary

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



204.8660, -32.4580, -17.4980



183.1340, 32.4580, 17.4980

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.



215.0600, 35.3020, 10.0060



204.8660, -32.4580, -17.4980



216.5370, 12.3300, 18.8420

Square

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



204.8660, -32.4580, -17.4980



211.1880, -29.5280, 6.5040



216.6820, 27.9190, 17.1590



212.0070, 24.4850, -8.7230

Rectangle

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



204.8660, -32.4580, -17.4980



205.6710, -44.6100, -6.5140



216.6820, 27.9190, 17.1590



214.6700, 36.2200, 4.3800

Sweetspot

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



204.8660, -32.4580, -17.4980



248.4500, -10.3150, -5.7950



203.5800, -8.7060, -29.4580



123.7710, -6.7850, -3.6890



0.0000, 0.0000, 0.0000



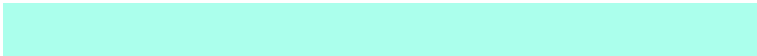
128.0000, -0.0000, -0.0000

Same Dimension

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



204.8660, -32.4580, -17.4980



227.7180, -43.9650, -23.7170



196.4830, -32.2770, -4.2530



108.4830, -5.9140, -2.9540



118.8160, -92.0560, -49.7520



32.3940, -25.0770, -13.5970

Inverse Universe

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



183.1340, 32.4580, 17.4980



198.2820, 43.9650, 23.7170



191.5170, 32.2770, 4.2530



104.6310, 5.5930, 3.2650



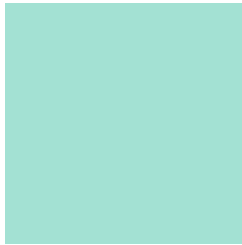
57.1840, 92.0560, 49.7520



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 204.8660, -32.4580, -17.4980 looks on a white background.

Color Contrast Check

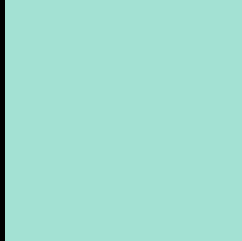
Large Text (above 18pt) WCAG AA × Fail

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 204.8660, -32.4580, -17.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

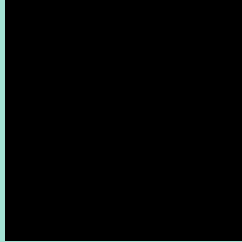
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

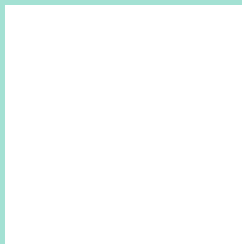
Any Text WCAG AAA ✓ Pass

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

YIQ 204.8660, -32.4580, -17.4980 Background



This preview shows how black text looks on a background with the YIQ color 204.8660, -32.4580, -17.4980.



This preview shows how white text looks on a background with the YIQ color 204.8660, -32.4580, -17.4980.

-17.4980.

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

204.8660, -32.4580, -17.4980

Protanopia

212.1810, 6.7400, -1.0040

Deuteranopia

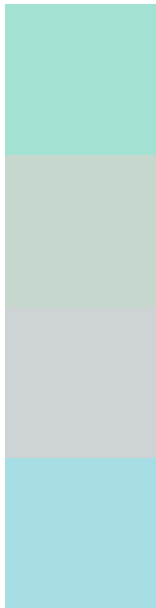
213.9140, 12.2860, 8.6220



Tritanopia

207.5040, -36.7700, -5.4260

Trichromacy



Original Color

204.8660, -32.4580, -17.4980

Protanomaly

209.4780, -7.5180, -6.9260

Deuteranomaly

210.4340, -4.2180, -0.6500

Tritanomaly

206.3530, -35.0270, -9.4830

Monochromacy



Original Color

204.8660, -32.4580, -17.4980

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8520, -11.5070, -6.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.8660, -32.4580, -17.4980 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(163, 225, 211)` looks like.

```
.text, #text, p{  
    color:rgb(163, 225, 211)  
}
```

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(163, 225, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 225, 211) }
```

Border

The CSS property to change the border of an element to YIQ 204.8660, -32.4580, -17.4980 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(163, 225, 211) }
```


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

```
.border{ border-color:rgb(163, 225, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 225, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 225, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 225, 211); box-shadow:4px 4px 4px 4px rgb(163, 225, 211) }
```

Background

The CSS property to change the background color of an element to YIQ 204.8660, -32.4580, -17.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 225, 211) }
```

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

```
.background{ background-color: rgb(163,  
225, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor