

Converting Colors

YIQ(204.0120, -35.8050,
-17.4130)

Have a look what the booklet for
YIQ(204.0120, -35.8050, -17.4130)
contains.

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Color

**YIQ(204.0120, -35.8050,
-17.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE1D6
RGB	159, 225, 214
RGB Percent	62%, 88%, 84%
CMY	0.3766, 0.1175, 0.1609
CMYK	0.29, 0.00, 0.05, 0.12
HSL	170°, 52%, 75%
HSV	170°, 29%, 88%
XYZ	53.3557, 66.0854, 73.5391
YIQ	204.0120, -35.8050, -17.4130

Conversions

Conversions Part 2

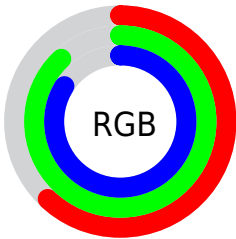
Format	Color
RYB	159, 195, 225
Decimal	10478038
CIELab	85.04, -23.05, -1.27
CIELCh	85, 23.090, 183.149
Yxy	66.0854, 0.2765, 0.3424
Android (android.graphics.Color)	4288668118 (0xFF9FE1D6)
YUV	204.0120, 4.9241, -39.4755
Hunter-Lab	81.2929, -25.1060, 3.2702

Details

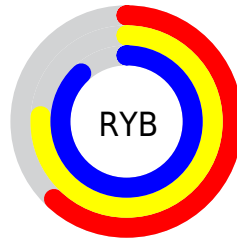
The YIQ color **204.0120, -35.8050, -17.4130** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179.9880, 35.8050, 17.4130**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.0400, -23.8400, -8.4800**, and **149.3110, -35.2090, -17.2010** is the 20% darker color. If you saturate the color by 10%, you get **196.6790, -48.2290, -23.5330**, and if you desaturate by 10%, it is **211.0460, -23.9770, -11.5050**.

Distribution



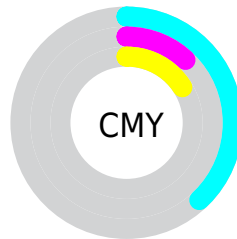
- Red (62%)
- Green (88%)
- Blue (84%)



- Red (62%)
- Yellow (76%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.0120, -35.8050, -17.4130 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 204.0120, -35.8050, -17.4130 by changing the saturation by 10% instead.

■ 204.0120,
-35.8050, -17.4130

■ 204.0120,
-35.8050, -17.4130

■ 255.0000, -0.0000,
-0.0000

■ 176.3110,
-35.2090, -17.2010

■ 243.0400,
-23.8400, -8.4800

■ 149.3110,
-35.2090, -17.2010

■ 251.7110, -6.5560,
-2.3320

■ 122.7240,
-34.9340, -16.6780

■ 96.5390, -35.8510,
-16.5790

■ 70.7560, -37.9600,
-16.9040

■ 46.8700, -38.2810,
-16.5930

■ 31.4480, -25.1690,

-11.9290

■ 17.9010, -13.2030,
-8.5230

■ 0.0000, 0.0000,
0.0000

■ 204.0120,
-35.8050, -17.4130

■ 204.0120,
-35.8050, -17.4130

■ 196.6790,
-48.2290, -23.5330

■ 211.0460,
-23.9770, -11.5050

■ 189.6450,
-60.0570, -29.4410

■ 218.3790,
-11.5530, -5.3850

■ 182.4260,
-72.8020, -35.2500

■ 225.2990, 0.5960,
0.2120

■ 175.3920,
-84.6300, -41.1580

■ 232.6320, 13.0200,
6.3320

■ 168.0590,
-97.0540, -47.2780

■ 234.8820, 15.3120,
8.8480

■ 161.0250,
-108.8820, -53.1860

■ 235.3380, 14.0280,
10.0920

■ 153.8060,
-121.6270, -58.9950

■ 235.6800, 13.0650,
11.0250

■ 153.3930,
-121.9020, -59.5180

■ 236.1360, 11.7810,
12.2690

■ 236.5920, 10.4970,
13.5130

Harmonies

Analogous

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



206.0110, -16.8690, -19.1810



204.0120, -35.8050, -17.4130



204.0250, -45.8470, -11.6310

Triad

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



204.0120, -35.8050, -17.4130



214.7890, -6.0550, 16.1290



213.1380, 34.6620, -0.4260

Complementary

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



204.0120, -35.8050, -17.4130



179.9880, 35.8050, 17.4130

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.



214.7180, 36.2650, 9.0730



204.0120, -35.8050, -17.4130



216.5050, 15.3560, 19.0680

Square

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



204.0120, -35.8050, -17.4130



211.4980, -27.4650, 7.6630



215.9380, 30.0740, 16.6500



211.5830, 22.7430, -10.1930

Rectangle

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



204.0120, -35.8050, -17.4130



206.0130, -45.5730, -5.5810



215.9380, 30.0740, 16.6500



213.9150, 36.9080, 2.9240

Sweetspot

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



204.0120, -35.8050, -17.4130



247.6670, -12.4240, -6.1200



201.3300, -10.9980, -31.9740



123.1730, -7.9770, -4.1130



0.0000, 0.0000, 0.0000



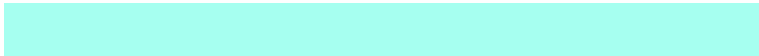
128.0000, -0.0000, -0.0000

Same Dimension

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



204.0120, -35.8050, -17.4130



226.6790, -48.2290, -23.5330



192.9390, -33.5610, -3.0090



108.4830, -5.9140, -2.9540



119.9560, -95.2660, -46.6420



32.7360, -26.0400, -12.6640

Inverse Universe

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



179.9880, 35.8050, 17.4130



194.3210, 48.2290, 23.5330



191.0610, 33.5610, 3.0090



104.5170, 5.9140, 2.9540



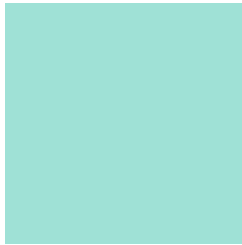
55.9300, 95.5870, 46.3310



15.2640, 26.0400, 12.6640

Previews

White Background



This preview shows how the YIQ color 204.0120, -35.8050, -17.4130 looks on a white background.

Color Contrast Check

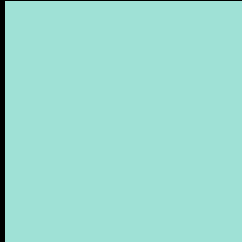
Large Text (above 18pt) WCAG AA × Fail

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 204.0120, -35.8050, -17.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

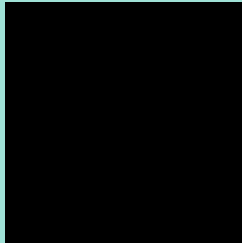
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

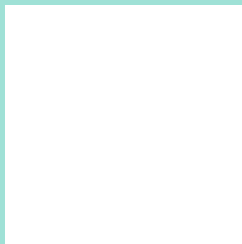
Any Text WCAG AAA ✓ Pass

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

YIQ 204.0120, -35.8050, -17.4130 Background



This preview shows how black text looks on a background with the YIQ color 204.0120, -35.8050, -17.4130.



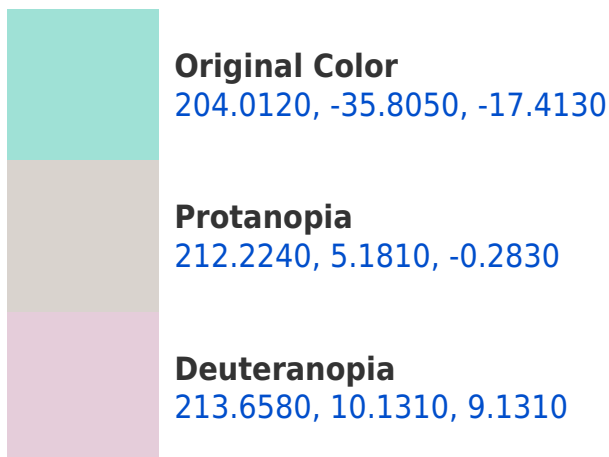
This preview shows how white text looks on a background with the YIQ color 204.0120, -35.8050, -17.4130.

-17.4130.

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

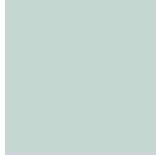
206.3080, -39.1540, -6.2740

Trichromacy



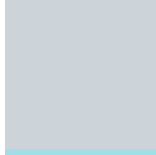
Original Color

204.0120, -35.8050, -17.4130



Protanomaly

209.2220, -9.6730, -6.4170



Deuteranomaly

210.1780, -6.3730, -0.1410



Tritanomaly

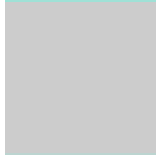
205.2710, -37.7320, -10.0200

Monochromacy



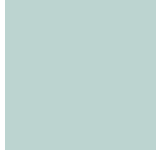
Original Color

204.0120, -35.8050, -17.4130



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

204.3680, -13.0200, -6.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.0120, -35.8050, -17.4130 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(159, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(159, 225, 214)  
}
```

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(159, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 225, 214) }
```

Border

The CSS property to change the border of an element to YIQ 204.0120, -35.8050, -17.4130 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(159, 225, 214) }
```


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

```
.border{ border-color:rgb(159, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(159, 225,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 204.0120, -35.8050, -17.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 225, 214) }
```

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

```
.background{ background-color: rgb(159,  
225, 214) }
```

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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