

Converting Colors

YIQ(200.9390, -34.7020,
-31.9020)

Have a look what the booklet for
YIQ(200.9390, -34.7020, -31.9020)
contains.

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Color

**YIQ(200.9390, -34.7020,
-31.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	94E7B9
RGB	148, 231, 185
RGB Percent	58%, 91%, 73%
CMY	0.4198, 0.0940, 0.2746
CMYK	0.36, 0.00, 0.20, 0.09
HSL	147°, 63%, 74%
HSV	147°, 36%, 91%
XYZ	49.5422, 66.9635, 56.1986
YIQ	200.9390, -34.7020, -31.9020

Conversions

Conversions Part 2

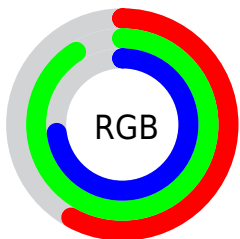
Format	Color
RYB	148, 205, 231
Decimal	9758649
CIELab	85.49, -35.05, 14.55
CIELCh	85, 37.944, 157.460
Yxy	66.9635, 0.2869, 0.3877
Android (android.graphics.Color)	4287948729 (0xFF94E7B9)
YUV	200.9390, -7.8579, -46.4275
Hunter-Lab	81.8312, -35.1374, 16.5637

Details

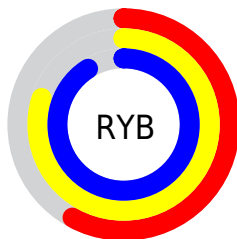
The YIQ color **200.9390, -34.7020, -31.9020** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **178.0610, 34.7020, 31.9020**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1550, -25.9020, -15.1660**, and **145.5800, -35.0690, -30.7570** is the 20% darker color. If you saturate the color by 10%, you get **192.5800, -44.2370, -40.8210**, and if you desaturate by 10%, it is **209.2980, -25.1670, -22.9830**.

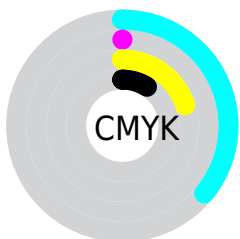
Distribution



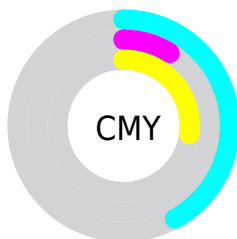
- Red (58%)
- Green (91%)
- Blue (73%)



- Red (58%)
- Yellow (80%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.9390, -34.7020, -31.9020 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 200.9390, -34.7020, -31.9020 by changing the saturation by 10% instead.

■ 200.9390,
-34.7020, -31.9020

■ 200.9390,
-34.7020, -31.9020

■ 255.0000, -0.0000,
-0.0000

■ 173.3520,
-34.4270, -31.3790

■ 238.1550,
-25.9020, -15.1660

■ 145.5800,
-35.0690, -30.7570

■ 248.4220,
-13.1120, -4.6640

■ 118.8080,
-35.7110, -30.1350

■ 92.0250, -37.8200,
-30.4600

■ 63.0780, -45.3390,
-31.8590

■ 46.4820, -31.6770,
-26.1490

■ 30.5870, -18.6110,

-20.6510

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 200.9390,
-34.7020, -31.9020

■ 200.9390,
-34.7020, -31.9020

■ 192.5800,
-44.2370, -40.8210

■ 209.2980,
-25.1670, -22.9830

■ 184.2210,
-53.7720, -49.7400

■ 217.6570,
-15.6320, -14.0640

■ 175.9760,
-63.6280, -58.3480

■ 225.9020, -5.7760,
-5.4560

■ 167.6170,
-73.1630, -67.2670

■ 234.2610, 3.7590,
3.4630

■ 158.9590,
-83.2940, -76.3980

■ 240.2280, 8.5260,
10.6860

■ 150.6000,
-92.8290, -85.3170

■ 240.9120, 6.6000,
12.5520

■ 147.3390,
-96.5880, -88.7800

Harmonies

Analogous

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



206.0820, 1.5640, -28.3560



200.9390, -34.7020, -31.9020



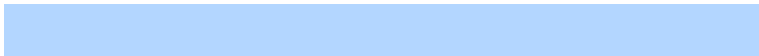
194.3710, -70.9690, -29.9210

Triad

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



200.9390, -34.7020, -31.9020



208.2090, -34.0210, 5.3310



207.9700, 44.2430, 7.6590

Complementary

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



200.9390, -34.7020, -31.9020



178.0610, 34.7020, 31.9020

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.



209.4980, 34.4290, 20.3250



200.9390, -34.7020, -31.9020



215.8270, -0.0500, 22.9420

Square

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



200.9390, -34.7020, -31.9020



198.5200, -69.2300, -11.8700



215.3630, 22.0480, 29.9520



211.6910, 48.9220, -5.5580

Rectangle

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



200.9390, -34.7020, -31.9020



192.5080, -87.2920, -25.9480



215.3630, 22.0480, 29.9520



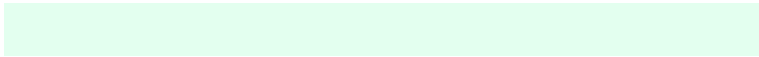
207.9360, 41.5830, 11.8150

Sweetspot

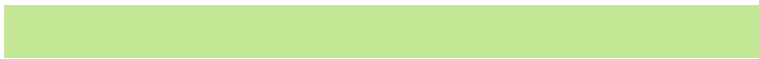
The Sweet Spot groups the original color and five complimentary colors.



200.9390, -34.7020, -31.9020



244.8040, -11.5520, -10.9120



210.7740, 5.1870, -33.4450



121.7770, -6.9220, -6.7140



0.0000, 0.0000, 0.0000



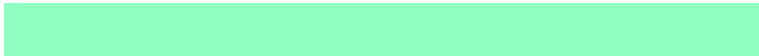
128.0000, -0.0000, -0.0000

Same Dimension

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



200.9390, -34.7020, -31.9020



215.1560, -45.9790, -42.2910



205.4990, -47.5420, -19.4620



110.6140, -4.9050, -4.7210



114.1930, -74.9050, -68.7370



32.5590, -21.4080, -19.5200

Inverse Universe

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



178.0610, 34.7020, 31.9020



184.8440, 45.9790, 42.2910



173.3870, 47.8630, 19.1510



107.3860, 4.9050, 4.7210



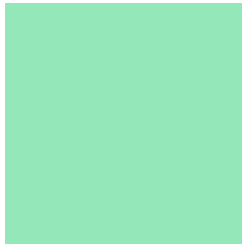
64.8070, 74.9050, 68.7370



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 200.9390, -34.7020, -31.9020 looks on a white background.

Color Contrast Check

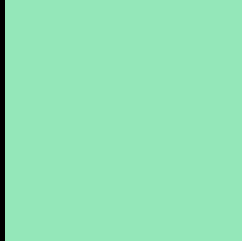
Large Text (above 18pt) WCAG AA × Fail

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 200.9390, -34.7020, -31.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

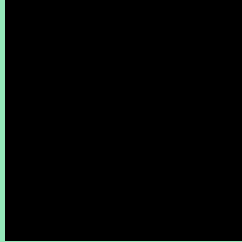
Any Text WCAG AA ✓ Pass

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 200.9390, -34.7020, -31.9020 Background



This preview shows how black text looks on a background with the YIQ color 200.9390, -34.7020, -31.9020.



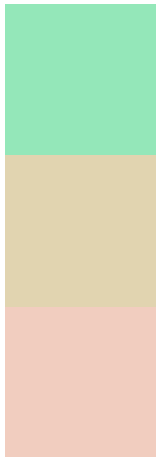
This preview shows how white text looks on a background with the YIQ color 200.9390, -34.7020, -31.9020.

-31.9020.

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

200.9390, -34.7020, -31.9020

Protanopia

211.7830, 19.3040, -8.4400

Deuteranopia

214.1680, 25.9500, 3.2780



Tritanopia

206.2150, -43.3260, -7.7580

Trichromacy



Original Color

200.9390, -34.7020, -31.9020



Protanomaly

207.8620, -0.2720, -17.1040



Deuteranomaly

209.0570, 3.8530, -9.2590



Tritanomaly

204.5000, -40.1150, -16.3950

Monochromacy



Original Color

200.9390, -34.7020, -31.9020



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

201.0920, -12.4230, -11.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.9390, -34.7020, -31.9020 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(148, 231, 185)` looks like.

```
.text, #text, p{  
    color:rgb(148, 231, 185)  
}
```

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(148, 231, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 231, 185) }
```

Border

The CSS property to change the border of an element to YIQ 200.9390, -34.7020, -31.9020 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(148, 231, 185) }
```


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

```
.border{ border-color:rgb(148, 231, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 231, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 231, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 231, 185); box-shadow:4px 4px 4px 4px rgb(148, 231, 185) }
```

Background

The CSS property to change the background color of an element to YIQ 200.9390, -34.7020, -31.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 231, 185) }
```

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

```
.background{ background-color: rgb(148,  
231, 185) }
```

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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