

Converting Colors

YIQ(209.4390, -12.9230,
-35.6350)

Have a look what the booklet for
YIQ(209.4390, -12.9230, -35.6350)
contains.

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Color

**YIQ(209.4390, -12.9230,
-35.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	AFECA3
RGB	175, 236, 163
RGB Percent	69%, 93%, 64%
CMY	0.3139, 0.0744, 0.3608
CMYK	0.26, 0.00, 0.31, 0.07
HSL	110°, 66%, 78%
HSV	110°, 31%, 93%
XYZ	54.2820, 71.7583, 45.6407
YIQ	209.4390, -12.9230, -35.6350

Conversions

Conversions Part 2

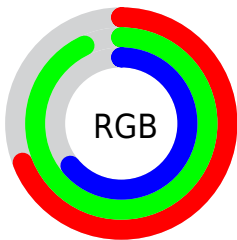
Format	Color
RYB	163, 236, 224
Decimal	11529379
CIELab	87.85, -32.80, 29.38
CIELCh	88, 44.034, 138.154
Yxy	71.7583, 0.3162, 0.4180
Android (android.graphics.Color)	4289719459 (0xFFAFECA3)
YUV	209.4390, -22.8944, -30.2030
Hunter-Lab	84.7103, -33.8608, 27.3525

Details

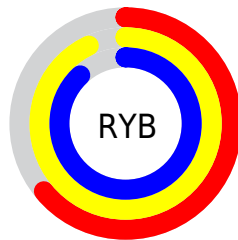
The YIQ color **209.4390, -12.9230, -35.6350** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **189.5610, 12.9230, 35.6350**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9050, -1.8310, -16.3830**, and **154.4930, -13.0150, -33.9670** is the 20% darker color. If you saturate the color by 10%, you get **200.7230, -17.1390, -47.3390**, and if you desaturate by 10%, it is **218.1550, -8.7070, -23.9310**.

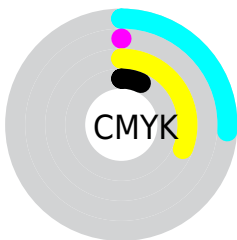
Distribution



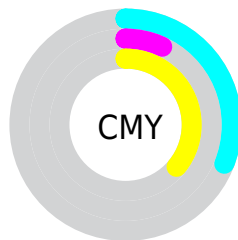
- Red (69%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (88%)



- Cyan (26%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.4390, -12.9230, -35.6350 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 209.4390, -12.9230, -35.6350 by changing the saturation by 10% instead.

■ 209.4390,
-12.9230, -35.6350

■ 209.4390,
-12.9230, -35.6350

■ 255.0000, -0.0000,
-0.0000

■ 181.8520,
-12.6480, -35.1120

■ 243.9050, -1.8310,
-16.3830

■ 154.4930,
-13.0150, -33.9670

■ 254.0880, 2.5680,
-2.4880

■ 127.7210,
-13.6570, -33.3450

■ 102.2480,
-13.7030, -32.5110

■ 76.4760, -14.3450,
-31.8890

■ 50.7960, -18.2420,
-32.8500

■ 31.1110, -14.5750,

-27.7190

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 209.4390,
-12.9230, -35.6350

■ 209.4390,
-12.9230, -35.6350

■ 200.7230,
-17.1390, -47.3390

■ 218.1550, -8.7070,
-23.9310

■ 192.1210,
-21.6760, -58.7320

■ 226.4580, -4.7660,
-12.7500

■ 183.7040,
-25.2960, -70.2240

■ 235.1740, -0.5500,
-1.0460

■ 175.1020,
-29.8330, -81.6170

■ 243.5480, 4.6290,
9.7250

■ 166.3860,
-34.0490, -93.3210

■ 243.8470, 5.2250,
9.9370

■ 157.9690,
-37.6690, -104.8130

■ 150.1930,
-41.6560, -115.1600

Harmonies

Analogous

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



215.1850, 26.1390, -27.6930



209.4390, -12.9230, -35.6350



201.5600, -58.6800, -37.8800

Triad

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



209.4390, -12.9230, -35.6350



202.9610, -66.1580, -12.4780



209.5320, 37.0890, 16.1690

Complementary

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



209.4390, -12.9230, -35.6350



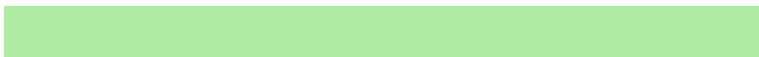
189.5610, 12.9230, 35.6350

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.



215.0210, 23.0110, 29.0190



209.4390, -12.9230, -35.6350



215.9610, -21.4590, 8.9490

Square

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



209.4390, -12.9230, -35.6350



189.0970, -108.2440, -31.7000



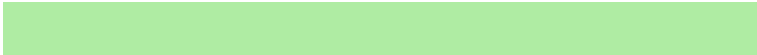
222.7150, 15.1250, 28.7650



210.7110, 46.1700, 0.2660

Rectangle

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



209.4390, -12.9230, -35.6350



194.3900, -90.3160, -37.2280



222.7150, 15.1250, 28.7650



210.5410, 32.8700, 21.0460

Sweetspot

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



209.4390, -12.9230, -35.6350



246.6970, -3.9410, -11.1810



220.6340, 26.7330, -16.4270



122.7020, -2.3370, -7.2090



0.0000, 0.0000, 0.0000



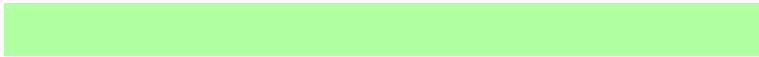
128.0000, -0.0000, -0.0000

Same Dimension

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



209.4390, -12.9230, -35.6350



220.6630, -16.9100, -45.9820



208.5870, -27.7790, -30.7150



112.7560, -2.4290, -5.5410



115.2170, -31.8950, -88.3030



34.3890, -9.4860, -26.3340

Inverse Universe

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



189.5610, 12.9230, 35.6350



195.3370, 16.9100, 45.9820



190.4130, 27.7790, 30.7150



109.9450, 1.8330, 5.3290



65.7830, 31.8950, 88.3030



19.6110, 9.4860, 26.3340

Previews

White Background



This preview shows how the YIQ color 209.4390, -12.9230, -35.6350 looks on a white background.

Color Contrast Check

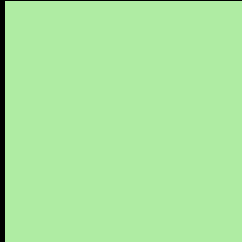
Large Text (above 18pt) WCAG AA × Fail

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 209.4390, -12.9230, -35.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

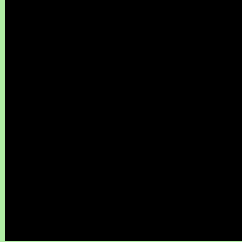
Any Text WCAG AA ✓ Pass

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 209.4390, -12.9230, -35.6350 Background



This preview shows how black text looks on a background with the YIQ color 209.4390, -12.9230, -35.6350.



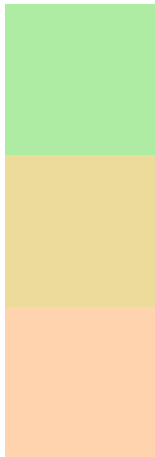
This preview shows how white text looks on a background with the YIQ color 209.4390, -12.9230, -35.6350.

-35.6350.

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

209.4390, -12.9230, -35.6350

Protanopia

217.2000, 30.9510, -15.7770

Deuteranopia

219.8240, 38.4220, -2.4900



Tritanopia

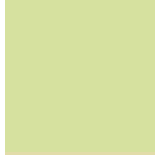
216.9890, -27.8300, -2.2460

Trichromacy



Original Color

209.4390, -12.9230, -35.6350



Protanomaly

214.1870, 14.6300, -22.8580



Deuteranomaly

215.9800, 19.9470, -14.5890



Tritanomaly

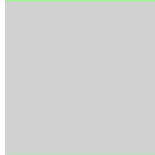
214.5360, -22.6010, -14.4170

Monochromacy



Original Color

209.4390, -12.9230, -35.6350



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.3440, -4.4450, -13.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.4390, -12.9230, -35.6350 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(175, 236, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 236, 163)  
}
```

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(175, 236, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 236, 163) }
```

Border

The CSS property to change the border of an element to YIQ 209.4390, -12.9230, -35.6350 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(175, 236, 163) }
```


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

```
.border{ border-color:rgb(175, 236, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 236, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 236, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 236, 163);  
box-shadow:4px 4px 4px 4px rgb(175, 236,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 209.4390, -12.9230, -35.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 236, 163) }
```

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

```
.background{ background-color: rgb(175,  
236, 163) }
```

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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