

Converting Colors

YIQ(211.6290, -35.6240,
-4.1680)

Have a look what the booklet for
YIQ(211.6290, -35.6240, -4.1680)
contains.

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Color

**YIQ(211.6290, -35.6240,
-4.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE0F4
RGB	175, 224, 244
RGB Percent	69%, 88%, 96%
CMY	0.3138, 0.1215, 0.0433
CMYK	0.28, 0.08, 0.00, 0.04
HSL	197°, 76%, 82%
HSV	197°, 28%, 96%
XYZ	60.6575, 68.9625, 95.6702
YIQ	211.6290, -35.6240, -4.1680

Conversions

Conversions Part 2

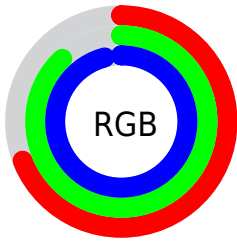
Format	Color
R_{YB}	175, 204, 244
Decimal	11526388
CIE _{Lab}	86.49, -11.27, -14.86
CIE _{LCh}	86, 18.649, 232.826
Yxy	68.9625, 0.2692, 0.3061
Android (android.graphics.Color)	4289716468 (0xFFAFE0F4)
YUV	211.6290, 15.9589, -32.1236
Hunter-Lab	83.0437, -14.9449, -10.1743

Details

The YIQ color **211.6290, -35.6240, -4.1680** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **207.3710, 35.6240, 4.1680**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **248.1230, -13.7080, -4.8760**, and **156.8140, -34.7070, -4.2670** is the 20% darker color. If you saturate the color by 10%, you get **200.3440, -48.0030, -5.5950**, and if you desaturate by 10%, it is **222.9140, -23.2450, -2.7410**.

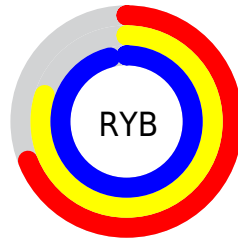
Distribution



Red (69%)

Green (88%)

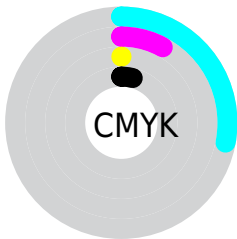
Blue (96%)



Red (69%)

Yellow (80%)

Blue (96%)

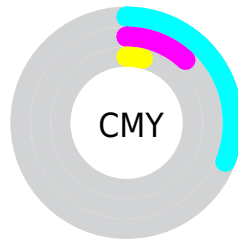


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.6290, -35.6240, -4.1680 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 211.6290, -35.6240, -4.1680 by changing the saturation by 10% instead.

■ 211.6290,
-35.6240, -4.1680

■ 211.6290,
-35.6240, -4.1680

255.0000, -0.0000,
-0.0000

■ 183.6290,
-35.6240, -4.1680

■ 248.1230,
-13.7080, -4.8760

■ 156.8140,
-34.7070, -4.2670

■ 129.8140,
-34.7070, -4.2670

■ 104.4010,
-34.9820, -4.7900

■ 78.9880, -35.2570,
-5.3130

■ 52.5960, -40.0250,
-7.0090

■ 34.0700, -32.5520,

-4.7760

■ 19.8220, -19.9900,
-1.1580

■ 2.7530, -6.3740,
5.3860

■ 211.6290,
-35.6240, -4.1680

■ 211.6290,
-35.6240, -4.1680

■ 200.3440,
-48.0030, -5.5950

■ 222.9140,
-23.2450, -2.7410

■ 188.7600,
-60.9780, -7.2340

■ 234.4980,
-10.2700, -1.1020

■ 177.4750,
-73.3570, -8.6610

■ 245.7830, 2.1090,
0.3250

■ 165.8910,
-86.3320, -10.3000

■ 251.9850, 4.3560,
-1.8520

■ 154.6060,
-98.7110, -11.7270

■ 253.7460, 3.5310,
-3.4210

■ 143.3210,
-111.0900, -13.1540

■ 131.7370,
-124.0650, -14.7930

■ 129.3670,
-125.8990, -14.5950

Harmonies

Analogous

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



210.1850, -34.6140, -11.4620



211.6290, -35.6240, -4.1680



214.5750, -26.3640, 4.2280

Triad

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



211.6290, -35.6240, -4.1680



220.2790, 21.6840, 14.5160



214.7000, 9.1720, -12.0440

Complementary

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



211.6290, -35.6240, -4.1680



207.3710, 35.6240, 4.1680

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.



216.6310, 22.7880, -5.5000



211.6290, -35.6240, -4.1680



219.4230, 29.8460, 9.7660

Square

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



211.6290, -35.6240, -4.1680



219.7920, 7.0580, 15.2660



218.0930, 30.5350, 2.7830



212.3220, -7.3790, -14.9550

Rectangle

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



211.6290, -35.6240, -4.1680



216.7120, -16.3240, 9.5000



218.0930, 30.5350, 2.7830



215.3910, 14.5360, -10.1360

Sweetspot

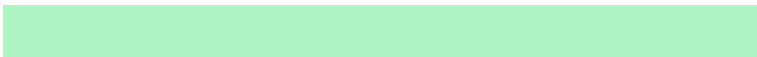
The Sweet Spot groups the original color and five complimentary colors.



211.6290, -35.6240, -4.1680



245.4980, -10.2700, -1.1020



217.7830, -25.3950, -29.8670



121.7650, -6.6480, -0.6640



0.0000, 0.0000, 0.0000



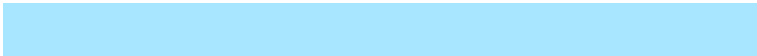
128.0000, -0.0000, -0.0000

Same Dimension

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



211.6290, -35.6240, -4.1680



214.3120, -44.9770, -5.3690



191.6710, -26.2740, 13.6140



116.6510, -6.3270, -0.9750



98.6880, -96.0060, -11.1900



31.3800, -30.4890, -3.6170

Inverse Universe

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



201.2170, 25.3950, 29.8670



201.0810, 31.9500, 37.7260



227.3290, 26.2740, -13.6140



114.6140, 4.2630, 5.3430



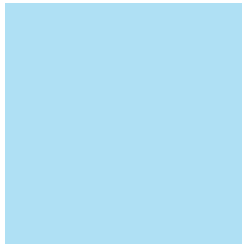
70.6620, 68.4840, 80.4840



22.4290, 21.6820, 25.5700

Previews

White Background



This preview shows how the YIQ color 211.6290, -35.6240, -4.1680 looks on a white background.

Color Contrast Check

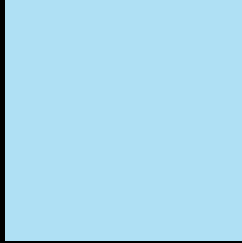
Large Text (above 18pt) WCAG AA × Fail

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 211.6290, -35.6240, -4.1680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

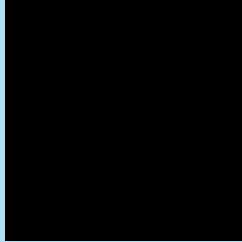
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

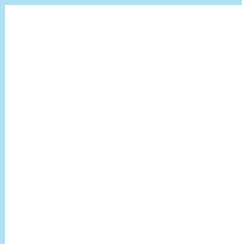
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.6290, -35.6240, -4.1680

Background



This preview shows how black text looks on a background with the YIQ color 211.6290, -35.6240, -4.1680.



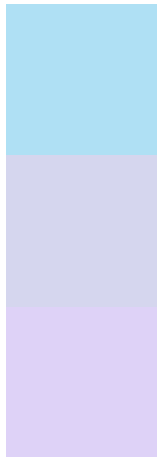
This preview shows how white text looks on a background with the YIQ color 211.6290, -35.6240, -4.1680.

-4.1680.

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

211.6290, -35.6240, -4.1680

Protanopia

216.4370, -8.3000, 7.2520

Deuteranopia

217.8060, -4.7250, 14.0510



Tritanopia

211.4010, -34.9820, -4.7900

Trichromacy



Original Color

211.6290, -35.6240, -4.1680

Protanomaly

214.8270, -18.3860, 2.8140

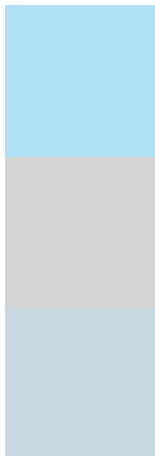
Deuteranomaly

215.5440, -15.9110, 7.5210

Tritanomaly

211.5150, -35.3030, -4.4790

Monochromacy



Original Color

211.6290, -35.6240, -4.1680

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.8290, -12.7000, -1.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.6290, -35.6240, -4.1680 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, 224, 244)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 244)  
}
```

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, 224, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 244) }
```

Border

The CSS property to change the border of an element to YIQ 211.6290, -35.6240, -4.1680 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, 224, 244) }
```


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

```
.border{ border-color:rgb(175, 224, 244) }
```

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

Here you see how a box with a 4 pixel rgb(175, 224, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 224, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 224, 244);  
box-shadow:4px 4px 4px 4px rgb(175, 224,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 211.6290, -35.6240, -4.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 244) }
```

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

```
.background{ background-color: rgb(175,  
224, 244) }
```

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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