

Converting Colors

YIQ(216.7480, -34.3410, 0.1150)

Have a look what the booklet for
YIQ(216.7480, -34.3410, 0.1150)
contains.

YIQ(216.7480, -34.3410, 0.1150)	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(216.7480, -34.3410,
0.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E2FF
RGB	184, 226, 255
RGB Percent	72%, 89%, 100%
CMY	0.2785, 0.1136, 0.0002
CMYK	0.28, 0.11, 0.00, 0.00
HSL	204°, 100%, 86%
HSV	204°, 28%, 100%
XYZ	65.0068, 71.8075, 105.0076
YIQ	216.7480, -34.3410, 0.1150

Conversions

Conversions Part 2

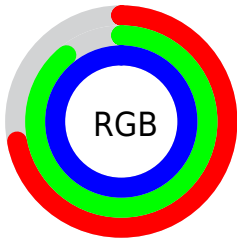
Format	Color
RYB	184, 210, 255
Decimal	12116735
CIELab	87.88, -7.21, -18.50
CIELCh	88, 19.857, 248.712
Yxy	71.8075, 0.2688, 0.2969
Android (android.graphics.Color)	4290306815 (0xFFB8E2FF)
YUV	216.7480, 18.8582, -28.7200
Hunter-Lab	84.7393, -11.3595, -14.1537

Details

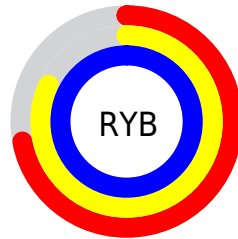
The YIQ color $216.7480, -34.3410, 0.1150$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $222.2520, 34.3410, -0.1150$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $161.5200, -33.6990, -0.5070$ is the 20% darker color. If you saturate the color by 10%, you get $203.1040, -47.0870, -0.1670$, and if you desaturate by 10%, it is $230.0930, -22.1910, 0.1850$.

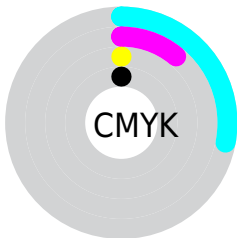
Distribution



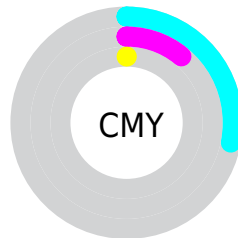
- Red (72%)
- Green (89%)
- Blue (100%)



- Red (72%)
- Yellow (82%)
- Blue (100%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.7480, -34.3410, 0.1150 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 216.7480, -34.3410, 0.1150 by changing the saturation by 10% instead.

■ 216.7480,
-34.3410, 0.1150

■ 216.7480,
-34.3410, 0.1150

■ 255.0000, -0.0000,
-0.0000

■ 188.6340,
-34.0200, -0.1960

■ 250.8140, -8.3440,
-2.9680

■ 161.5200,
-33.6990, -0.5070

■ 134.8190,
-33.1030, -0.2950

■ 109.2920,
-33.0570, -1.1290

■ 83.9930, -33.6530,
-1.3410

■ 58.6830, -35.7160,
-2.5000

■ 36.1560, -35.6700,

-3.3340

■ 21.3210, -22.8330,
0.8070

■ 3.6650, -8.9420,
7.8740

■ 216.7480,
-34.3410, 0.1150

■ 216.7480,
-34.3410, 0.1150

■ 203.1040,
-47.0870, -0.1670

■ 230.0930,
-22.1910, 0.1850

■ 189.1720,
-58.9620, 0.2860

■ 244.3240, -9.7200,
-0.0560

■ 175.5280,
-71.7080, 0.0040

■ 255.0000, -0.0000,
-0.0000

■ 161.5960,
-83.5830, 0.4570

■ 148.2510,
-95.7330, 0.3870

■ 134.6070,
-108.4790, 0.1050

■ 120.6750,
-120.3540, 0.5580

■ 117.7070,
-123.3800, 0.3320

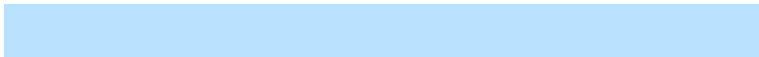
Harmonies

Analogous

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



213.8410, -39.3370, -8.4650



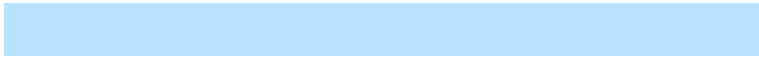
216.7480, -34.3410, 0.1150



219.8040, -19.5790, 7.9170

Triad

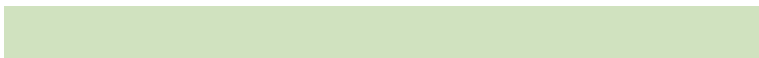
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.7480, -34.3410, 0.1150



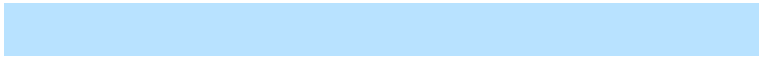
222.2640, 26.0400, 12.6640



216.6280, 0.5070, -14.7010

Complementary

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



216.7480, -34.3410, 0.1150



222.2520, 34.3410, -0.1150

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.



219.3590, 17.5620, -9.9100



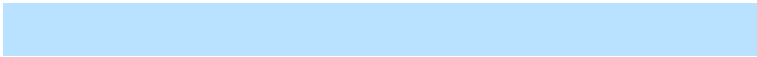
216.7480, -34.3410, 0.1150



221.5000, 30.9470, 6.3310

Square

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



216.7480, -34.3410, 0.1150



224.1090, 16.4110, 16.4670



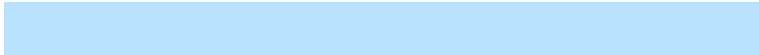
221.5610, 28.9770, -2.0230



214.7060, -17.3280, -16.3680

Rectangle

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



216.7480, -34.3410, 0.1150



222.3110, -7.7050, 12.9910



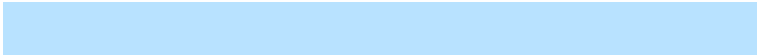
221.5610, 28.9770, -2.0230



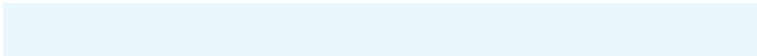
217.6780, 6.2380, -13.9380

Sweetspot

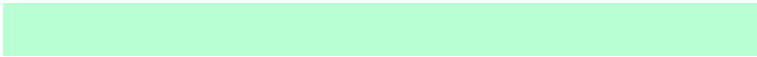
The Sweet Spot groups the original color and five complimentary colors.



216.7480, -34.3410, 0.1150



244.3240, -9.7200, -0.0560



228.8690, -28.5130, -28.4250



120.5910, -6.0980, 0.3820



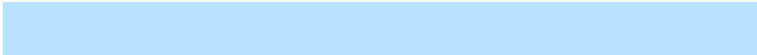
0.0000, 0.0000, 0.0000



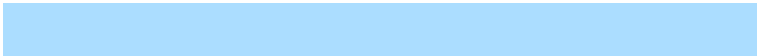
128.0000, -0.0000, -0.0000

Same Dimension

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



216.7480, -34.3410, 0.1150



209.9260, -40.7140, -0.0260



196.2030, -24.7160, 18.4200



120.5910, -6.0980, 0.3820



88.1050, -92.3860, 0.3020



29.6020, -30.9940, 0.0300

Inverse Universe

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



210.0170, 28.8340, 28.1140



201.8160, 34.0140, 33.3580



242.7970, 24.7160, -18.4200



119.6850, 5.5010, 4.9330



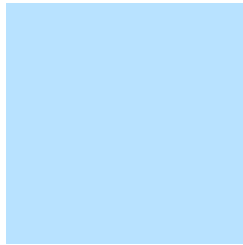
69.9910, 77.5630, 75.6350



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 216.7480, -34.3410, 0.1150 looks on a white background.

Color Contrast Check

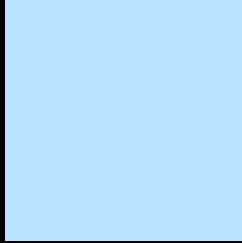
Large Text (above 18pt) WCAG AA × Fail

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 216.7480, -34.3410, 0.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

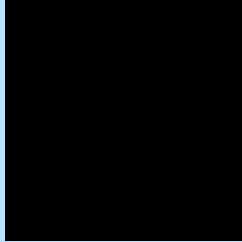
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.7480, -34.3410, 0.1150

Background



This preview shows how black text looks on a background with the YIQ color 216.7480, -34.3410, 0.1150.



This preview shows how white text looks on a background with the YIQ color 216.7480, -34.3410,

0.1150.

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

216.7480, -34.3410, 0.1150

Protanopia

220.7510, -12.0600, 9.3160

Deuteranopia

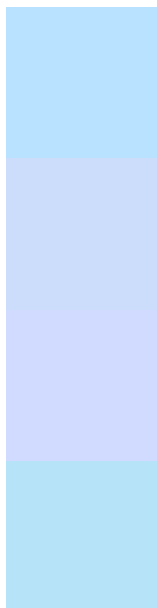
221.9520, -8.0720, 14.1360



Tritanopia

216.2980, -33.1940, -4.1540

Trichromacy



Original Color

216.7480, -34.3410, 0.1150

Protanomaly

219.4510, -20.0830, 6.0370

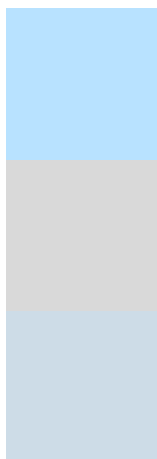
Deuteranomaly

220.1140, -17.5160, 9.0760

Tritanomaly

216.3520, -33.2860, -2.4860

Monochromacy



Original Color

216.7480, -34.3410, 0.1150

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.7690, -12.4710, 0.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.7480, -34.3410, 0.1150 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(184, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 226, 255)  
}
```

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(184, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 226, 255) }
```

Border

The CSS property to change the border of an element to YIQ 216.7480, -34.3410, 0.1150 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(184, 226, 255) }
```


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

```
.border{ border-color:rgb(184, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 226,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 216.7480, -34.3410, 0.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 226, 255) }
```

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

```
.background{ background-color: rgb(184,  
226, 255) }
```

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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