

Converting Colors

YIQ(215.2750, -34.3870, 0.9490)

Have a look what the booklet for
YIQ(215.2750, -34.3870, 0.9490)
contains.

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Color

**YIQ(215.2750, -34.3870,
0.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E0FF
RGB	183, 224, 255
RGB Percent	72%, 88%, 100%
CMY	0.2824, 0.1215, 0.0002
CMYK	0.28, 0.12, 0.00, 0.00
HSL	206°, 100%, 86%
HSV	206°, 28%, 100%
XYZ	64.2274, 70.6028, 104.8158
YIQ	215.2750, -34.3870, 0.9490

Conversions

Conversions Part 2

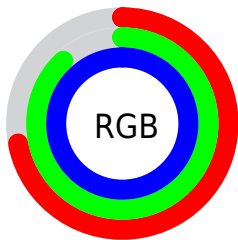
Format	Color
R _Y B	183, 209, 255
Decimal	12050687
CIE Lab	87.29, -6.46, -19.39
CIE LCh	87, 20.437, 251.575
Yxy	70.6028, 0.2680, 0.2946
Android (android.graphics.Color)	4290240767 (0xFFB7E0FF)
YUV	215.2750, 19.5844, -28.3052
Hunter-Lab	84.0255, -10.6027, -15.1422

Details

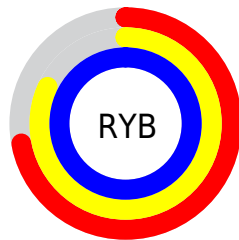
The YIQ color $215.2750, -34.3870, 0.9490$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $222.7250, 34.3870, -0.9490$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.5150, -8.9400, -3.1800$, and $160.0470, -33.7450, 0.3270$ is the 20% darker color. If you saturate the color by 10%, you get $201.0440, -46.8580, 1.1900$, and if you desaturate by 10%, it is $229.2070, -22.5120, 0.4960$.

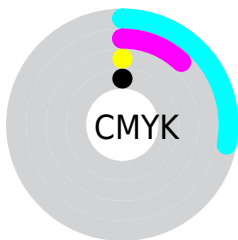
Distribution



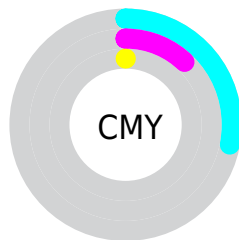
- Red (72%)
- Green (88%)
- Blue (100%)



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



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.2750, -34.3870, 0.9490 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 215.2750, -34.3870, 0.9490 by changing the saturation by 10% instead.

■ 215.2750,
-34.3870, 0.9490

■ 215.2750,
-34.3870, 0.9490

■ 255.0000, -0.0000,
-0.0000

■ 187.1610,
-34.0660, 0.6380

■ 250.5150, -8.9400,
-3.1800

■ 160.0470,
-33.7450, 0.3270

■ 133.3460,
-33.1490, 0.5390

■ 107.8190,
-33.1030, -0.2950

■ 82.5200, -33.6990,
-0.5070

■ 57.4980, -36.6330,
-2.4010

■ 35.5690, -35.3950,

-2.8110

■ 20.7340, -22.5580,
1.3300

■ 3.6650, -8.9420,
7.8740

■ 215.2750,
-34.3870, 0.9490

■ 215.2750,
-34.3870, 0.9490

■ 201.0440,
-46.8580, 1.1900

■ 229.2070,
-22.5120, 0.4960

■ 187.1120,
-58.7330, 1.6430

■ 243.4380,
-10.0410, 0.2550

■ 172.8810,
-71.2040, 1.8840

■ 255.0000, -0.0000,
-0.0000

■ 158.9490,
-83.0790, 2.3370

■ 145.0170,
-94.9540, 2.7900

■ 130.7860,
-107.4250, 3.0310

■ 116.8540,
-119.3000, 3.4840

■ 114.1850,
-121.7300, 3.4700

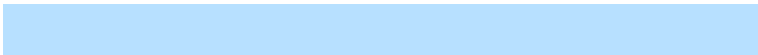
Harmonies

Analogous

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



212.1830, -40.3000, -7.5320



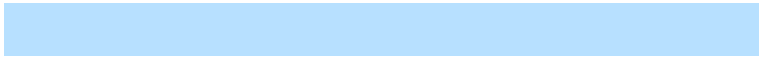
215.2750, -34.3870, 0.9490



218.9290, -18.4330, 9.1750

Triad

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



215.2750, -34.3870, 0.9490



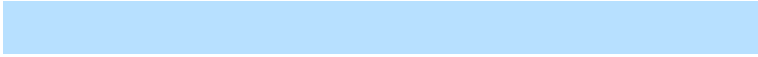
220.7480, 27.5530, 12.7770



214.6170, -0.9600, -15.6480

Complementary

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



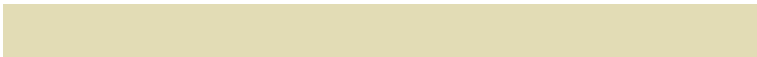
215.2750, -34.3870, 0.9490



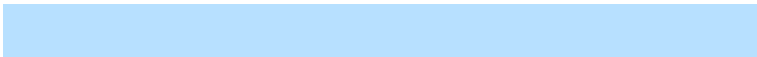
222.7250, 34.3870, -0.9490

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.



217.3480, 16.0950, -10.8570



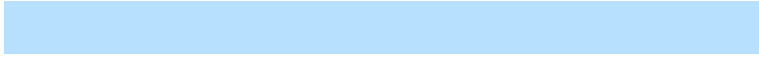
215.2750, -34.3870, 0.9490



220.4570, 32.5060, 5.6100

Square

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



215.2750, -34.3870, 0.9490



222.5930, 17.9240, 16.5800



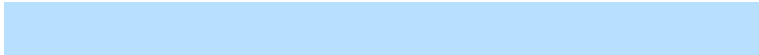
219.0340, 29.0230, -2.8570



212.6240, -20.0330, -16.9050

Rectangle

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



215.2750, -34.3870, 0.9490



220.7350, -5.9630, 14.4610



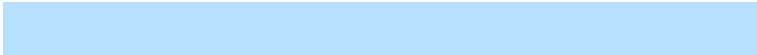
219.0340, 29.0230, -2.8570



215.6670, 4.7710, -14.8850

Sweetspot

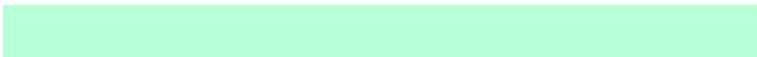
The Sweet Spot groups the original color and five complimentary colors.



215.2750, -34.3870, 0.9490



243.7370, -9.4450, 0.4670



228.6840, -29.4300, -28.3260



120.5910, -6.0980, 0.3820



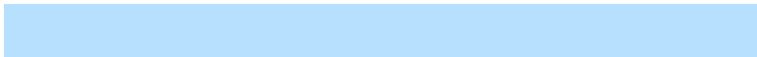
0.0000, 0.0000, 0.0000



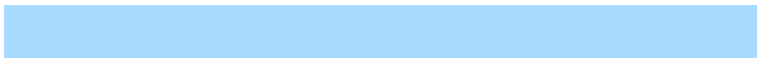
128.0000, -0.0000, -0.0000

Same Dimension

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



215.2750, -34.3870, 0.9490



207.2680, -41.6770, 0.9070



194.7300, -24.7620, 19.2540



120.5910, -6.0980, 0.3820



85.7570, -91.2860, 2.3940



28.4280, -30.4440, 1.0760

Inverse Universe

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



209.2020, 29.7510, 28.0150



199.7130, 35.8020, 33.9940



243.2700, 24.7620, -19.2540



119.6850, 5.5010, 4.9330



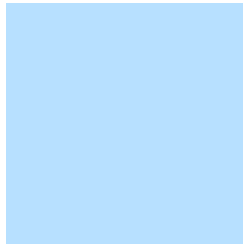
69.5350, 78.8470, 74.3910



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 215.2750, -34.3870, 0.9490 looks on a white background.

Color Contrast Check

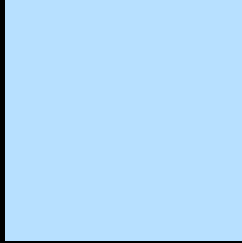
Large Text (above 18pt) WCAG AA × Fail

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 215.2750, -34.3870, 0.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

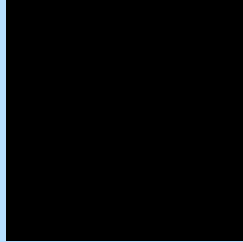
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

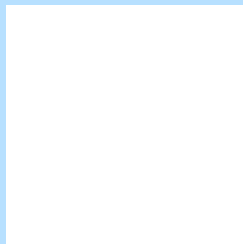
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.2750, -34.3870, 0.9490

Background



This preview shows how black text looks on a background with the YIQ color 215.2750, -34.3870, 0.9490.



This preview shows how white text looks on a background with the YIQ color 215.2750, -34.3870,

0.9490.

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

215.2750, -34.3870, 0.9490

Protanopia

218.6800, -13.2980, 9.7260

Deuteranopia

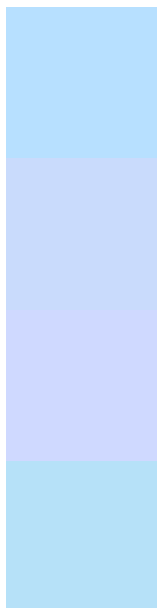
219.8810, -9.3100, 14.5460



Tritanopia

214.5970, -32.5980, -3.9420

Trichromacy



Original Color

215.2750, -34.3870, 0.9490

Protanomaly

217.3800, -21.3210, 6.4470

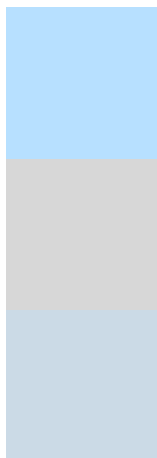
Deuteranomaly

218.3420, -18.1580, 9.6980

Tritanomaly

214.7650, -33.0110, -1.9630

Monochromacy



Original Color

215.2750, -34.3870, 0.9490

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.8830, -12.7920, 0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.2750, -34.3870, 0.9490 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(183, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 224, 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(183, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 224, 255) }
```

Border

The CSS property to change the border of an element to YIQ 215.2750, -34.3870, 0.9490 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(183, 224, 255) }
```


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

```
.border{ border-color:rgb(183, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 224,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 215.2750, -34.3870, 0.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 224, 255) }
```

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

```
.background{ background-color: rgb(183,  
224, 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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