

Converting Colors

YIQ(224.0800, -38.5120,
-6.8960)

Have a look what the booklet for
YIQ(224.0800, -38.5120, -6.8960)
contains.

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Color

**YIQ(224.0800, -38.5120,
-6.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	B7EFFF
RGB	183, 239, 255
RGB Percent	72%, 94%, 100%
CMY	0.2825, 0.0626, 0.0002
CMYK	0.28, 0.06, 0.00, 0.00
HSL	193°, 100%, 86%
HSV	193°, 28%, 100%
XYZ	68.4376, 79.0275, 106.2190
YIQ	224.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

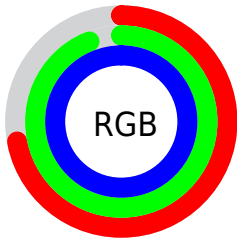
Format	Color
R _{YB}	183, 215, 255
Decimal	12054527
CIE Lab	91.25, -14.12, -13.45
CIE LCh	91, 19.500, 223.598
Yxy	79.0275, 0.2698, 0.3115
Android (android.graphics.Color)	4290244607 (0xFFB7EFFF)
YUV	224.0800, 15.2436, -36.0272
Hunter-Lab	88.8974, -18.1525, -8.6144

Details

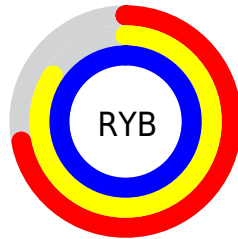
The YIQ color **224.0800, -38.5120, -6.8960** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **213.9200, 38.5120, 6.8960**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.5150, -8.9400, -3.1800**, and **168.2650, -37.5950, -6.9950** is the 20% darker color. If you saturate the color by 10%, you get **212.7840, -52.3580, -9.2700**, and if you desaturate by 10%, it is **235.0770, -25.2620, -4.7340**.

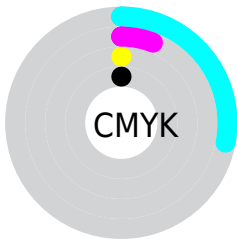
Distribution



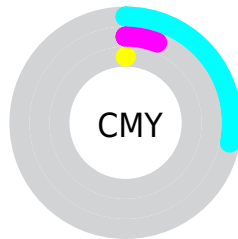
- Red (72%)
- Green (94%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.0800, -38.5120, -6.8960 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 224.0800, -38.5120, -6.8960 by changing the saturation by 10% instead.

■ 224.0800,
-38.5120, -6.8960

■ 224.0800,
-38.5120, -6.8960

■ 255.0000, -0.0000,
-0.0000

■ 195.9660,
-38.1910, -7.2070

■ 250.5150, -8.9400,
-3.1800

■ 168.2650,
-37.5950, -6.9950

■ 141.2650,
-37.5950, -6.9950

■ 115.1510,
-37.2740, -7.3060

■ 89.5530, -38.4660,
-7.7300

■ 63.6450, -41.7210,
-9.3130

■ 42.0260, -38.4200,

-8.5640

■ 26.6040, -25.3080,
-3.9000

■ 9.0620, -11.7380,
3.4780

■ 224.0800,
-38.5120, -6.8960

■ 224.0800,
-38.5120, -6.8960

■ 212.7840,
-52.3580, -9.2700

■ 235.0770,
-25.2620, -4.7340

■ 202.3740,
-65.8830, -11.9550

■ 245.7860,
-11.1410, -1.8370

■ 191.0780,
-79.7290, -14.3290

■ 255.0000, -0.0000,
-0.0000

■ 180.0810,
-92.9790, -16.4910

■ 169.3720,
-107.1000, -19.3880

■ 158.3750,
-120.3500, -21.5500

■ 147.9650,
-133.8750, -24.2350

■ 145.8830,
-136.5800, -24.7720

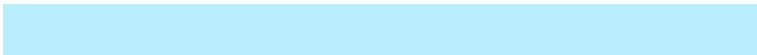
Harmonies

Analogous

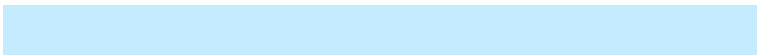
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.0170, -34.2010, -13.4410



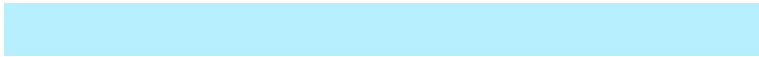
224.0800, -38.5120, -6.8960



225.9180, -29.0680, -1.8360

Triad

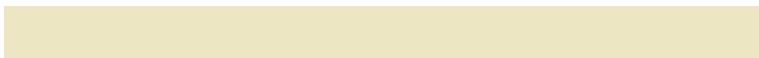
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.0800, -38.5120, -6.8960



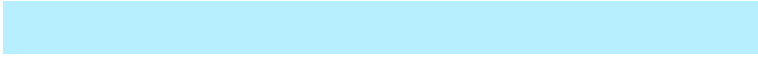
231.6850, 14.6690, 14.9970



228.2770, 14.8570, -10.4470

Complementary

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



224.0800, -38.5120, -6.8960



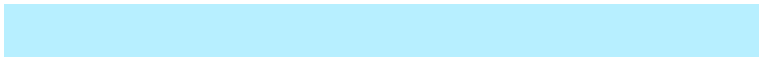
213.9200, 38.5120, 6.8960

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.



230.5500, 27.5100, -2.9700



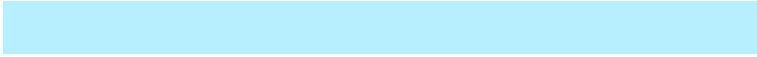
224.0800, -38.5120, -6.8960



228.9320, 21.0430, 9.6110

Square

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



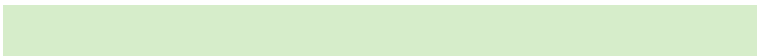
224.0800, -38.5120, -6.8960



232.3400, 2.5190, 14.9270



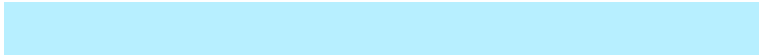
228.7550, 25.6750, 2.7550



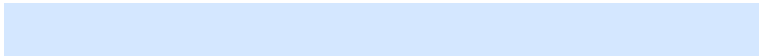
226.1330, -2.4730, -15.7610

Rectangle

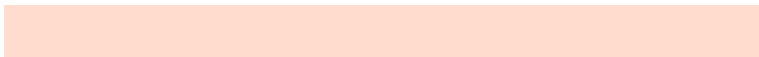
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



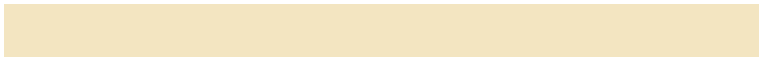
224.0800, -38.5120, -6.8960



228.0550, -19.0280, 3.4360



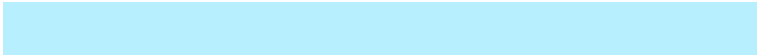
228.7550, 25.6750, 2.7550



229.0820, 19.9000, -8.2280

Sweetspot

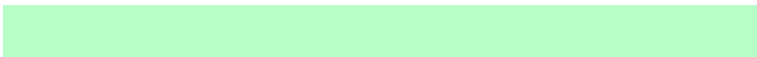
The Sweet Spot groups the original color and five complimentary colors.



224.0800, -38.5120, -6.8960



246.0850, -10.5450, -1.6250



227.0880, -24.9360, -32.6800



122.3520, -6.9230, -1.1870



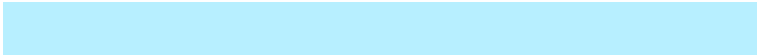
0.0000, 0.0000, 0.0000



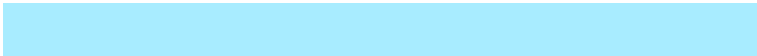
128.0000, -0.0000, -0.0000

Same Dimension

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



224.0800, -38.5120, -6.8960



217.8340, -46.6270, -8.5070



202.9480, -28.6120, 11.9320



122.3520, -6.9230, -1.1870



109.2370, -102.2860, -18.5260



36.6460, -34.2940, -6.2460

Inverse Universe

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



210.9120, 24.9360, 32.6800



201.7650, 30.0240, 39.5920



235.0520, 28.6120, -11.9320



120.0270, 4.5380, 5.8660



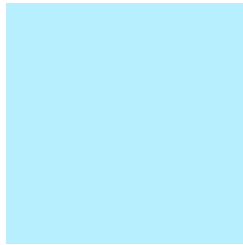
74.0950, 66.0070, 86.8310



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 224.0800, -38.5120, -6.8960 looks on a white background.

Color Contrast Check

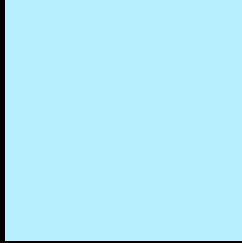
Large Text (above 18pt) WCAG AA × Fail

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 224.0800, -38.5120, -6.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

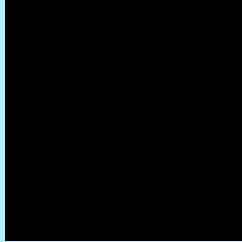
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.0800, -38.5120, -6.8960

Background



This preview shows how black text looks on a background with the YIQ color 224.0800, -38.5120, -6.8960.



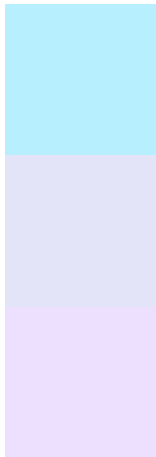
This preview shows how white text looks on a background with the YIQ color 224.0800, -38.5120, -6.8960.

-6.8960.

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

224.0800, -38.5120, -6.8960

Protanopia

230.2800, -6.4200, 6.2200

Deuteranopia

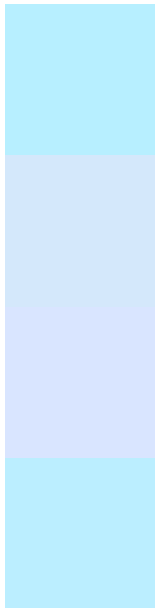
231.4210, -2.2030, 12.3970



Tritanopia

225.2870, -34.6610, -5.1010

Trichromacy



Original Color

224.0800, -38.5120, -6.8960

Protanomaly

228.1860, -18.0190, 1.6690

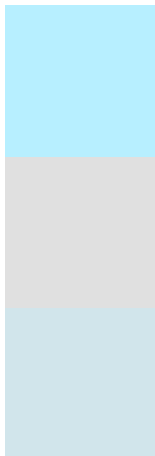
Deuteranomaly

228.3760, -15.4980, 5.5420

Tritanomaly

224.6890, -35.8530, -5.5250

Monochromacy



Original Color

224.0800, -38.5120, -6.8960

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7040, -13.8460, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.0800, -38.5120, -6.8960 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, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 239, 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, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 239, 255) }
```

Border

The CSS property to change the border of an element to YIQ 224.0800, -38.5120, -6.8960 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, 239, 255) }
```


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

```
.border{ border-color:rgb(183, 239, 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, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 239,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 224.0800, -38.5120, -6.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 239, 255) }
```

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

```
.background{ background-color: rgb(183,  
239, 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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