

Converting Colors

YIQ(223.0800, -38.5120,
-6.8960)

Have a look what the booklet for
YIQ(223.0800, -38.5120, -6.8960)
contains.

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Color

**YIQ(223.0800, -38.5120,
-6.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	B6EEFE
RGB	182, 238, 254
RGB Percent	71%, 93%, 100%
CMY	0.2864, 0.0666, 0.0041
CMYK	0.28, 0.06, 0.00, 0.00
HSL	193°, 97%, 85%
HSV	193°, 28%, 100%
XYZ	67.7480, 78.2571, 105.2650
YIQ	223.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

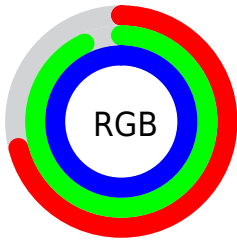
Format	Color
R _Y B	182, 214, 254
Decimal	11988734
CIE Lab	90.90, -14.12, -13.45
CIE LCh	91, 19.507, 223.607
Yxy	78.2571, 0.2696, 0.3114
Android (android.graphics.Color)	4290178814 (0xFFB6EEFE)
YUV	223.0800, 15.2436, -36.0272
Hunter-Lab	88.4631, -18.1090, -8.6269

Details

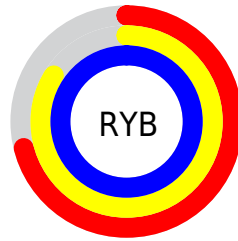
The YIQ color $223.0800, -38.5120, -6.8960$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $212.9200, 38.5120, 6.8960$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.2160, -9.5360, -3.3920$, and $167.2650, -37.5950, -6.9950$ is the 20% darker color. If you saturate the color by 10%, you get $212.0830, -51.7620, -9.0580$, and if you desaturate by 10%, it is $234.0770, -25.2620, -4.7340$.

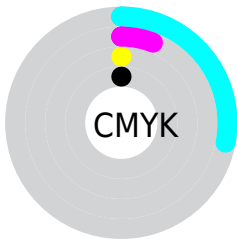
Distribution



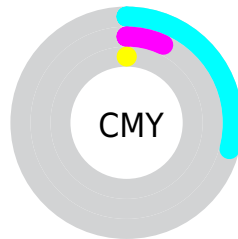
- Red (71%)
- Green (93%)
- Blue (100%)



- Red (71%)
- Yellow (84%)
- Blue (100%)



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



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.0800, -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 223.0800, -38.5120, -6.8960 by changing the saturation by 10% instead.

■ 223.0800,
-38.5120, -6.8960

■ 223.0800,
-38.5120, -6.8960

■ 255.0000, -0.0000,
-0.0000

■ 194.9660,
-38.1910, -7.2070

■ 250.2160, -9.5360,
-3.3920

■ 167.2650,
-37.5950, -6.9950

■ 140.2650,
-37.5950, -6.9950

■ 114.2650,
-37.5950, -6.9950

■ 88.5530, -38.4660,
-7.7300

■ 62.3460, -42.3170,
-9.5250

■ 41.4390, -38.1450,

-8.0410

■ 25.9030, -24.7120,
-3.6880

■ 7.7740, -10.8670,
4.2130

■ 223.0800,
-38.5120, -6.8960

■ 223.0800,
-38.5120, -6.8960

■ 212.0830,
-51.7620, -9.0580

■ 234.0770,
-25.2620, -4.7340

■ 201.3740,
-65.8830, -11.9550

■ 244.7860,
-11.1410, -1.8370

■ 190.3770,
-79.1330, -14.1170

254.8860, 0.3210,
-0.3110

■ 179.6680,
-93.2540, -17.0140

■ 168.6710,
-106.5040, -19.1760

■ 157.6740,
-119.7540, -21.3380

■ 146.9650,
-133.8750, -24.2350

■ 145.1820,
-135.9840, -24.5600

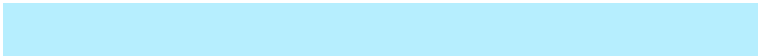
Harmonies

Analogous

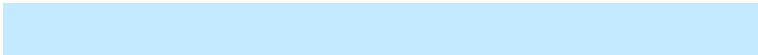
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.0170, -34.2010, -13.4410



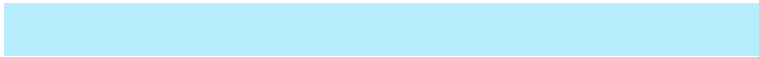
223.0800, -38.5120, -6.8960



225.0320, -29.3890, -1.5250

Triad

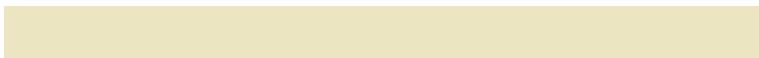
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.0800, -38.5120, -6.8960



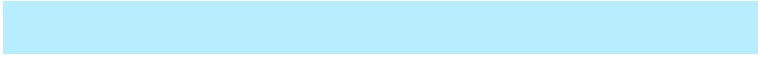
230.9840, 15.2650, 15.2090



227.2770, 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.



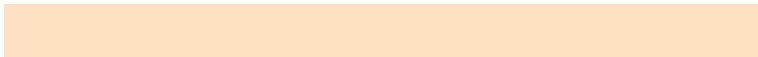
223.0800, -38.5120, -6.8960



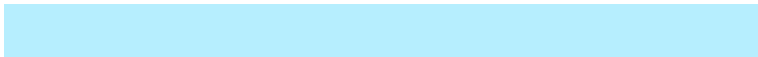
212.9200, 38.5120, 6.8960

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.



229.5500, 27.5100, -2.9700



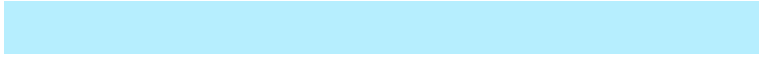
223.0800, -38.5120, -6.8960



228.2310, 21.6390, 9.8230

Square

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



223.0800, -38.5120, -6.8960



231.4540, 2.1980, 15.2380



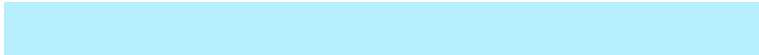
228.0540, 26.2710, 2.9670



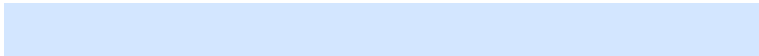
225.1330, -2.4730, -15.7610

Rectangle

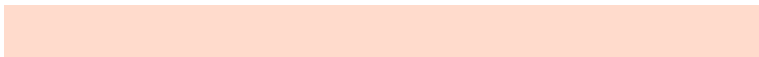
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



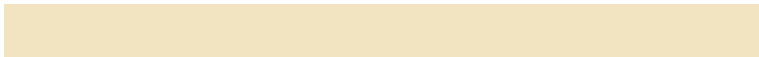
223.0800, -38.5120, -6.8960



227.1690, -19.3490, 3.7470



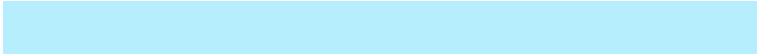
228.0540, 26.2710, 2.9670



228.0820, 19.9000, -8.2280

Sweetspot

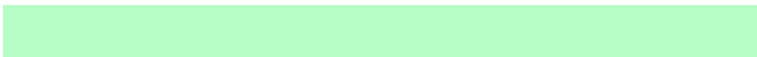
The Sweet Spot groups the original color and five complimentary colors.



223.0800, -38.5120, -6.8960



245.1880, -12.3330, -2.2610



226.0880, -24.9360, -32.6800



121.1670, -7.8400, -1.0880



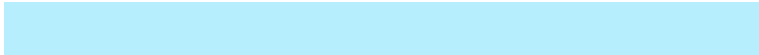
0.0000, 0.0000, 0.0000



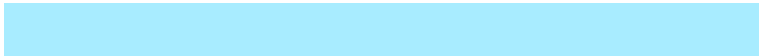
128.0000, -0.0000, -0.0000

Same Dimension

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



223.0800, -38.5120, -6.8960



217.8340, -46.6270, -8.5070



201.9480, -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.



209.9120, 24.9360, 32.6800



201.7650, 30.0240, 39.5920



234.0520, 28.6120, -11.9320



120.0270, 4.5380, 5.8660



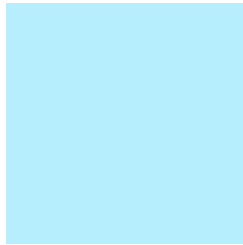
74.0950, 66.0070, 86.8310



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 223.0800, -38.5120, -6.8960 looks on a white background.

Color Contrast Check

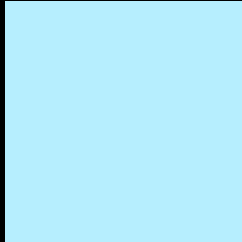
Large Text (above 18pt) WCAG AA × Fail

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 223.0800, -38.5120, -6.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

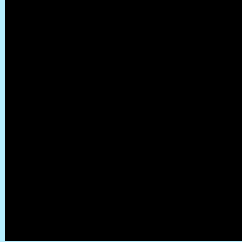
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.0800, -38.5120, -6.8960

Background



This preview shows how black text looks on a background with the YIQ color 223.0800, -38.5120, -6.8960.



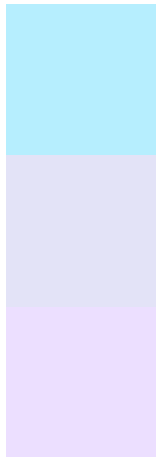
This preview shows how white text looks on a background with the YIQ color 223.0800, -38.5120, -6.8960.

-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

223.0800, -38.5120, -6.8960

Protanopia

229.2800, -6.4200, 6.2200

Deuteranopia

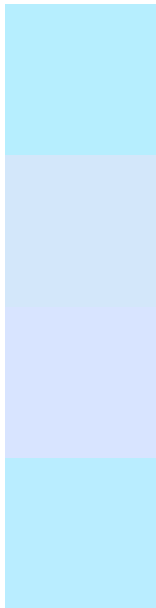
230.5350, -2.5240, 12.7080



Tritanopia

223.8030, -36.1740, -5.2140

Trichromacy



Original Color

223.0800, -38.5120, -6.8960

Protanomaly

227.1860, -18.0190, 1.6690

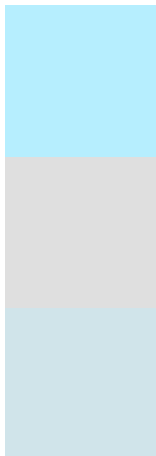
Deuteranomaly

227.4900, -15.8190, 5.8530

Tritanomaly

223.5040, -36.7700, -5.4260

Monochromacy



Original Color

223.0800, -38.5120, -6.8960

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.7040, -13.8460, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.0800, -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(182, 238, 254)` looks like.

```
.text, #text, p{  
    color:rgb(182, 238, 254)  
}
```

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(182, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 238, 254) }
```

Border

The CSS property to change the border of an element to YIQ 223.0800, -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(182, 238, 254) }
```


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

```
.border{ border-color:rgb(182, 238, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 238, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(182, 238,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 223.0800, -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(182, 238, 254) }
```

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

```
.background{ background-color: rgb(182,  
238, 254) }
```

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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