

Converting Colors

YIQ(225.8640, -38.1440,
-13.5680)

Have a look what the booklet for
YIQ(225.8640, -38.1440, -13.5680)
contains.

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Color

**YIQ(225.8640, -38.1440,
-13.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F5F5
RGB	181, 245, 245
RGB Percent	71%, 96%, 96%
CMY	0.2903, 0.0391, 0.0394
CMYK	0.26, 0.00, 0.00, 0.04
HSL	180°, 76%, 84%
HSV	180°, 26%, 96%
XYZ	68.1830, 81.7304, 98.5372
YIQ	225.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

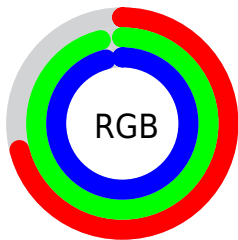
Format	Color
RYB	181, 213, 245
Decimal	11924981
CIELab	92.46, -19.89, -6.46
CIElCh	92, 20.912, 197.996
Yxy	81.7304, 0.2744, 0.3290
Android (android.graphics.Color)	4290115061 (0xFFB5F5F5)
YUV	225.8640, 9.4340, -39.3457
Hunter-Lab	90.4049, -23.5844, -1.3400

Details

The YIQ color **225.8640, -38.1440, -13.5680** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **200.1360, 38.1440, 13.5680**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9170, -10.1320, -3.6040**, and **170.1630, -37.5480, -13.3560** is the 20% darker color. If you saturate the color by 10%, you get **218.3890, -53.0440, -18.8680**, and if you desaturate by 10%, it is **233.0400, -23.8400, -8.4800**.

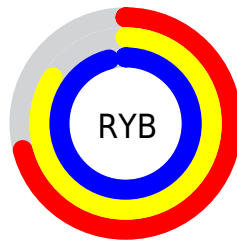
Distribution



Red (71%)

Green (96%)

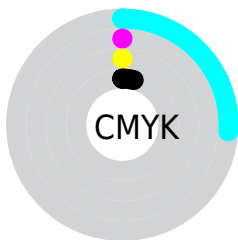
Blue (96%)



Red (71%)

Yellow (84%)

Blue (96%)

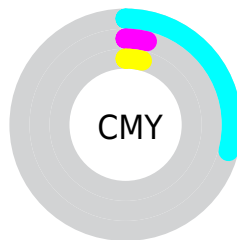


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.8640, -38.1440, -13.5680 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 225.8640, -38.1440, -13.5680 by changing the saturation by 10% instead.

■ 225.8640,
-38.1440, -13.5680

■ 225.8640,
-38.1440, -13.5680

■ 255.0000, -0.0000,
-0.0000

■ 197.2770,
-37.8690, -13.0450

■ 249.9170,
-10.1320, -3.6040

■ 170.1630,
-37.5480, -13.3560

■ 143.1630,
-37.5480, -13.3560

■ 116.5760,
-37.2730, -12.8330

■ 90.8640, -38.1440,
-13.5680

■ 64.1840, -42.0410,
-14.5290

■ 43.5760, -37.2730,

-12.8330

■ 27.5670, -23.8860,
-7.6460

■ 12.3730, -11.4160,
-2.3600

■ 225.8640,
-38.1440, -13.5680

■ 225.8640,
-38.1440, -13.5680

■ 218.3890,
-53.0440, -18.8680

■ 233.0400,
-23.8400, -8.4800

■ 211.2130,
-67.3480, -23.9560

■ 240.5150, -8.9400,
-3.1800

■ 203.7380,
-82.2480, -29.2560

■ 247.6910, 5.3640,
1.9080

■ 196.5620,
-96.5520, -34.3440

■ 247.9900, 5.9600,
2.1200

■ 189.0870,
-111.4520, -39.6440

■ 181.9110,
-125.7560, -44.7320

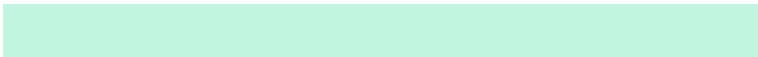
■ 174.4360,
-140.6560, -50.0320

■ 171.7450,
-146.0200, -51.9400

Harmonies

Analogous

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



227.0580, -24.2510, -17.5550



225.8640, -38.1440, -13.5680



226.7270, -39.0160, -8.7760

Triad

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



225.8640, -38.1440, -13.5680



235.9060, 6.7370, 15.5770



232.7840, 26.7310, -5.3730

Complementary

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



225.8640, -38.1440, -13.5680



200.1360, 38.1440, 13.5680

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.



230.4020, 25.1710, 0.8750



225.8640, -38.1440, -13.5680



232.9730, 13.7980, 14.2620

Square

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



225.8640, -38.1440, -13.5680



232.5400, -10.0880, 6.6160



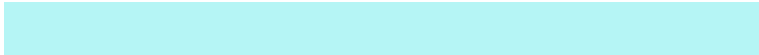
230.6930, 20.2180, 8.0420



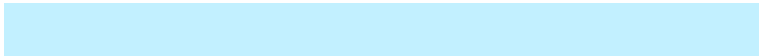
231.3260, 13.1610, -12.7510

Rectangle

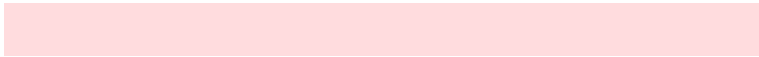
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.8640, -38.1440, -13.5680



227.9560, -32.2310, -5.0870



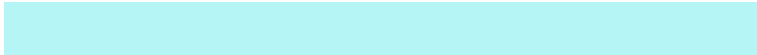
230.6930, 20.2180, 8.0420



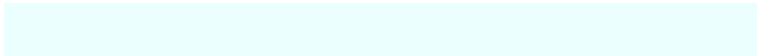
231.9520, 26.3180, -3.3940

Sweetspot

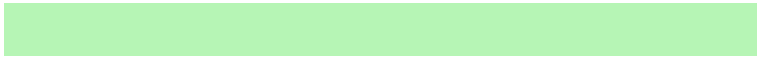
The Sweet Spot groups the original color and five complimentary colors.



225.8640, -38.1440, -13.5680



249.0200, -11.9200, -4.2400



218.8670, -17.0040, -33.2600



123.9990, -7.4270, -3.0670



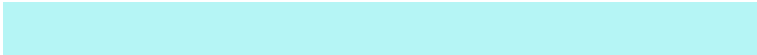
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



225.8640, -38.1440, -13.5680



231.3790, -47.0840, -16.7480



207.6670, -29.6190, 2.6450



118.4120, -7.1520, -2.5440



130.3860, -110.8560, -39.4320



41.3590, -35.1640, -12.5080

Inverse Universe

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



200.1360, 38.1440, 13.5680



199.6210, 47.0840, 16.7480



218.3330, 29.6190, -2.6450



113.5880, 7.1520, 2.5440



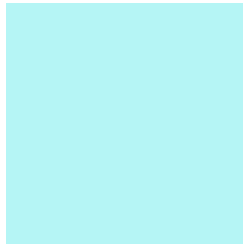
55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Previews

White Background



This preview shows how the YIQ color 225.8640, -38.1440, -13.5680 looks on a white background.

Color Contrast Check

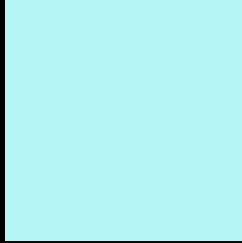
Large Text (above 18pt) WCAG AA × Fail

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 225.8640, -38.1440, -13.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

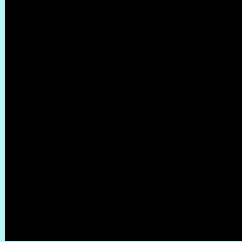
Any Text WCAG AA ✓ Pass

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 225.8640, -38.1440, -13.5680 Background



This preview shows how black text looks on a background with the YIQ color 225.8640, -38.1440, -13.5680.



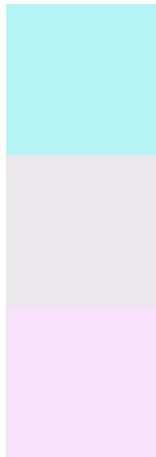
This preview shows how white text looks on a background with the YIQ color 225.8640, -38.1440, -13.5680.

-13.5680.

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

225.8640, -38.1440, -13.5680

Protanopia

232.8800, 0.4580, 2.7140

Deuteranopia

235.2000, 5.7290, 11.8170



Tritanopia

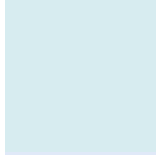
229.1520, -29.8470, -4.2390

Trichromacy



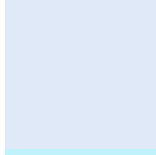
Original Color

225.8640, -38.1440, -13.5680



Protanomaly

230.1770, -13.8000, -3.2080



Deuteranomaly

232.0190, -10.1790, 2.7570



Tritanomaly

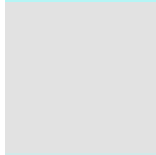
228.0760, -32.6890, -7.8010

Monochromacy



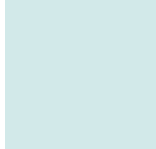
Original Color

225.8640, -38.1440, -13.5680



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

226.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.8640, -38.1440, -13.5680 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(181, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(181, 245, 245)  
}
```

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(181, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 245, 245) }
```

Border

The CSS property to change the border of an element to YIQ 225.8640, -38.1440, -13.5680 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(181, 245, 245) }
```


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

```
.border{ border-color:rgb(181, 245, 245) }
```

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

Here you see how a box with a 4 pixel rgb(181, 245, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(181, 245,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 225.8640, -38.1440, -13.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 245, 245) }
```

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

```
.background{ background-color: rgb(181,  
245, 245) }
```

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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