

Converting Colors

YIQ(218.1940, -21.6380,
-15.3500)

Have a look what the booklet for
YIQ(218.1940, -21.6380, -15.3500)
contains.

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Color

**YIQ(218.1940, -21.6380,
-15.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	BCEAD8
RGB	188, 234, 216
RGB Percent	74%, 92%, 85%
CMY	0.2629, 0.0823, 0.1530
CMYK	0.20, 0.00, 0.08, 0.08
HSL	156°, 52%, 83%
HSV	156°, 20%, 92%
XYZ	62.5521, 74.5010, 76.0366
YIQ	218.1940, -21.6380, -15.3500

Conversions

Conversions Part 2

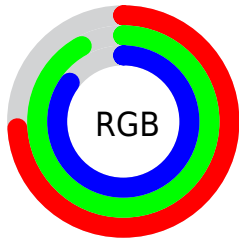
Format	Color
R _{YB}	188, 217, 234
Decimal	12380888
CIE Lab	89.16, -18.36, 3.87
CIE LCh	89, 18.759, 168.099
Yxy	74.5010, 0.2935, 0.3496
Android (android.graphics.Color)	4290570968 (0xFFBCEAD8)
YUV	218.1940, -1.0816, -26.4801
Hunter-Lab	86.3140, -21.6898, 8.1894

Details

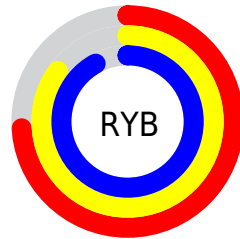
The YIQ color **218.1940, -21.6380, -15.3500** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.8060, 21.6380, 15.3500**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.0100, -5.9600, -2.1200**, and **162.9060, -20.7670, -14.6150** is the 20% darker color. If you saturate the color by 10%, you get **210.2910, -32.4570, -23.0250**, and if you desaturate by 10%, it is **226.0970, -10.8190, -7.6750**.

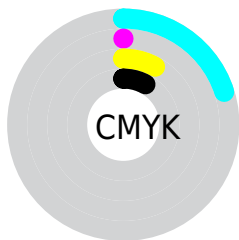
Distribution



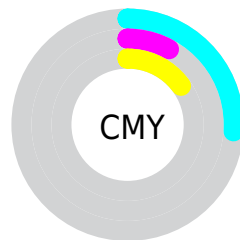
- Red (74%)
- Green (92%)
- Blue (85%)



- Red (74%)
- Yellow (85%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (26%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.1940, -21.6380, -15.3500 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 218.1940, -21.6380, -15.3500 by changing the saturation by 10% instead.

■ 218.1940,
-21.6380, -15.3500

■ 218.1940,
-21.6380, -15.3500

255.0000, -0.0000,
-0.0000

■ 190.4930,
-21.0420, -15.1380

■ 252.0100, -5.9600,
-2.1200

■ 162.9060,
-20.7670, -14.6150

■ 136.3190,
-20.4920, -14.0920

■ 110.7320,
-20.2170, -13.5690

■ 86.0310, -19.6210,
-13.3570

■ 62.1450, -19.9420,
-13.0460

■ 38.6610, -21.4550,

-13.1590

■ 21.0640, -15.2200,
-10.5160

■ 0.0000, 0.0000,
0.0000

■ 218.1940,
-21.6380, -15.3500

■ 218.1940,
-21.6380, -15.3500

■ 210.2910,
-32.4570, -23.0250

■ 226.0970,
-10.8190, -7.6750

■ 202.0890,
-43.8720, -30.9120

■ 234.2990, 0.5960,
0.2120

■ 194.0720,
-54.3700, -38.8980

■ 241.3050, 9.6270,
7.2510

■ 185.8700,
-65.7850, -46.7850

■ 242.4450, 6.4170,
10.3610

■ 177.9670,
-76.6040, -54.4600

■ 242.6730, 5.7750,
10.9830

■ 170.0640,
-87.4230, -62.1350

■ 161.8620,
-98.8380, -70.0220

■ 153.9590,
-109.6570, -77.6970

■ 153.5460,
-109.9320, -78.2200

Harmonies

Analogous

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



219.9910, -4.9490, -14.9410



218.1940, -21.6380, -15.3500



217.2560, -33.3760, -11.8720

Triad

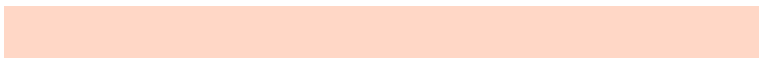
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.1940, -21.6380, -15.3500



224.5660, -12.9770, 9.4150



225.0220, 29.2970, 3.1930

Complementary

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



218.1940, -21.6380, -15.3500



203.8060, 21.6380, 15.3500

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.



225.0850, 24.9860, 9.7380



218.1940, -21.6380, -15.3500



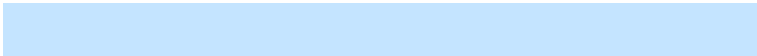
226.8240, 4.0320, 15.0400

Square

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



218.1940, -21.6380, -15.3500



221.5100, -27.7390, 1.6130



227.1370, 19.2080, 15.3360



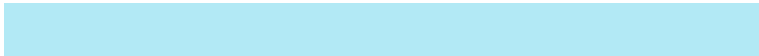
223.9410, 24.8510, -4.3410

Rectangle

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



218.1940, -21.6380, -15.3500



217.9230, -36.6320, -7.9280



227.1370, 19.2080, 15.3360



225.0050, 27.9670, 5.2710

Sweetspot

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



218.1940, -21.6380, -15.3500



249.8310, -7.0140, -5.0460



220.3840, -1.9220, -20.2420



124.8530, -4.0800, -3.1520



0.0000, 0.0000, 0.0000



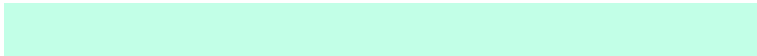
128.0000, -0.0000, -0.0000

Same Dimension

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



218.1940, -21.6380, -15.3500



234.0250, -28.6520, -20.3960



217.3110, -26.0410, -7.1370



113.2550, -5.2720, -3.5760



118.7870, -85.0850, -60.4530



35.4600, -25.4430, -17.9790

Inverse Universe

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



203.8060, 21.6380, 15.3500



214.9750, 28.6520, 20.3960



204.6890, 26.0410, 7.1370



109.7450, 5.2720, 3.5760



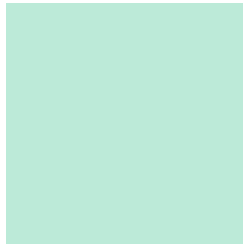
62.2130, 85.0850, 60.4530



18.5400, 25.4430, 17.9790

Previews

White Background



This preview shows how the YIQ color 218.1940, -21.6380, -15.3500 looks on a white background.

Color Contrast Check

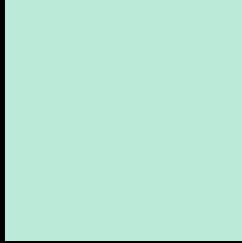
Large Text (above 18pt) WCAG AA × Fail

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 218.1940, -21.6380, -15.3500 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

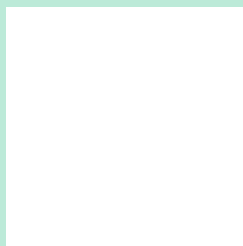
Any Text WCAG AAA ✓ Pass

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

YIQ 218.1940, -21.6380, -15.3500 Background



This preview shows how black text looks on a background with the YIQ color 218.1940, -21.6380, -15.3500.



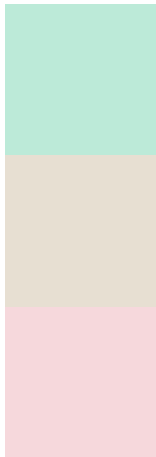
This preview shows how white text looks on a background with the YIQ color 218.1940, -21.6380, -15.3500.

-15.3500.

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

218.1940, -21.6380, -15.3500

Protanopia

223.9100, 8.9410, -2.3470

Deuteranopia

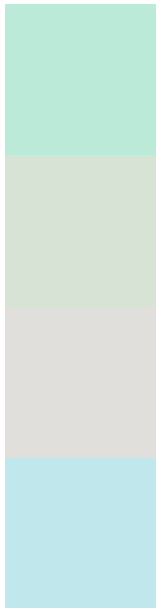
225.4260, 16.5960, 7.6040



Tritanopia

220.7010, -26.9590, -1.5110

Trichromacy



Original Color

218.1940, -21.6380, -15.3500

Protanomaly

221.7020, -2.3370, -7.2090

Deuteranomaly

223.1420, 2.4760, -0.8200

Tritanomaly

219.9090, -24.8490, -6.7130

Monochromacy



Original Color

218.1940, -21.6380, -15.3500

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1190, -7.8850, -5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.1940, -21.6380, -15.3500 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(188, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(188, 234, 216)  
}
```

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(188, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 234, 216) }
```

Border

The CSS property to change the border of an element to YIQ 218.1940, -21.6380, -15.3500 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(188, 234, 216) }
```


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

```
.border{ border-color:rgb(188, 234, 216) }
```

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

Here you see how a box with a 4 pixel rgb(188, 234, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(188, 234,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 218.1940, -21.6380, -15.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 234, 216) }
```

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

```
.background{ background-color: rgb(188,  
234, 216) }
```

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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