

Converting Colors

YIQ(224.3850, -20.8580,
-18.4740)

Have a look what the booklet for
YIQ(224.3850, -20.8580, -18.4740)
contains.

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Color

**YIQ(224.3850, -20.8580,
-18.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F2D8
RGB	193, 242, 216
RGB Percent	76%, 95%, 85%
CMY	0.2433, 0.0509, 0.1530
CMYK	0.20, 0.00, 0.11, 0.05
HSL	148°, 65%, 85%
HSV	148°, 20%, 95%
XYZ	66.1345, 79.8065, 76.8735
YIQ	224.3850, -20.8580, -18.4740

Conversions

Conversions Part 2

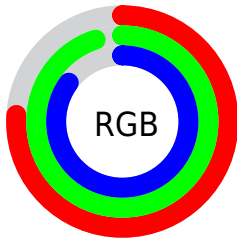
Format	Color
R _{YB}	193, 226, 242
Decimal	12710616
CIE Lab	91.60, -20.72, 7.43
CIE LCh	92, 22.011, 160.284
Yxy	79.8065, 0.2968, 0.3582
Android (android.graphics.Color)	4290900696 (0xFFC1F2D8)
YUV	224.3850, -4.1338, -27.5246
Hunter-Lab	89.3345, -24.1914, 11.5144

Details

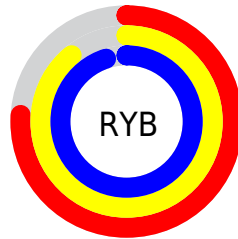
The YIQ color $224.3850, -20.8580, -18.4740$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $210.6150, 20.8580, 18.4740$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, -2.9800, -1.0600$, and $169.0970, -19.9870, -17.7390$ is the 20% darker color. If you saturate the color by 10%, you get $215.7270, -30.9890, -27.6050$, and if you desaturate by 10%, it is $233.0430, -10.7270, -9.3430$.

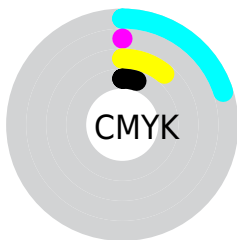
Distribution



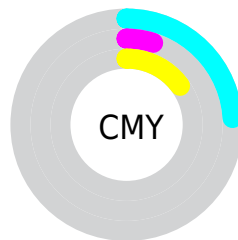
- Red (76%)
- Green (95%)
- Blue (85%)



- Red (76%)
- Yellow (89%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.3850, -20.8580, -18.4740 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 224.3850, -20.8580, -18.4740 by changing the saturation by 10% instead.

■ 224.3850,
-20.8580, -18.4740

■ 224.3850,
-20.8580, -18.4740

■ 255.0000, -0.0000,
-0.0000

■ 196.3850,
-20.8580, -18.4740

■ 253.5050, -2.9800,
-1.0600

■ 169.0970,
-19.9870, -17.7390

■ 142.5100,
-19.7120, -17.2160

■ 116.0370,
-19.7580, -16.3820

■ 91.3360, -19.1620,
-16.1700

■ 67.4500, -19.4830,
-15.8590

■ 43.3790, -20.7210,

-15.4490

■ 23.9990, -16.5950,
-13.1310

■ 6.4570, -3.0250,
-5.7530

■ 224.3850,
-20.8580, -18.4740

■ 224.3850,
-20.8580, -18.4740

■ 215.7270,
-30.9890, -27.6050

■ 233.0430,
-10.7270, -9.3430

■ 207.0690,
-41.1200, -36.7360

■ 241.7010, -0.5960,
-0.2120

■ 198.1120,
-51.8470, -46.0790

■ 247.3690, 3.5750,
6.7990

■ 189.5680,
-62.2990, -54.8990

■ 180.9100,
-72.4300, -64.0300

■ 172.2520,
-82.5610, -73.1610

■ 163.5940,
-92.6920, -82.2920

■ 155.0500,
-103.1440, -91.1120

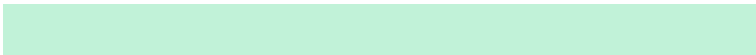
Harmonies

Analogous

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



226.8620, -0.2720, -17.1040



224.3850, -20.8580, -18.4740



222.6960, -37.7310, -15.5470

Triad

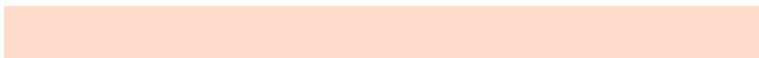
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.3850, -20.8580, -18.4740



228.9630, -15.7730, 5.0190



228.0540, 26.2710, 2.9670

Complementary

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



224.3850, -20.8580, -18.4740



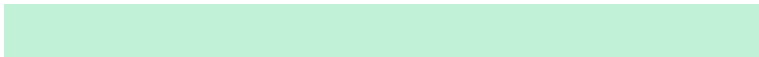
210.6150, 20.8580, 18.4740

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.



228.5730, 20.6760, 10.7560



224.3850, -20.8580, -18.4740



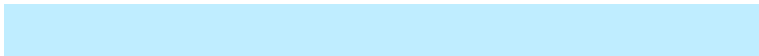
232.9270, 2.2440, 14.4040

Square

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



224.3850, -20.8580, -18.4740



225.2980, -33.1940, -4.1540



232.2550, 13.0640, 16.5520



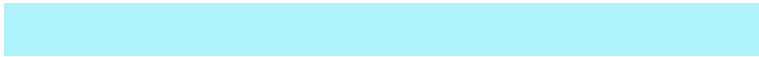
230.2080, 28.4730, -3.9030

Rectangle

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



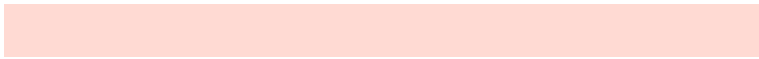
224.3850, -20.8580, -18.4740



222.6940, -43.4170, -11.6170



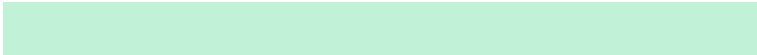
232.2550, 13.0640, 16.5520



228.2650, 24.2990, 5.6670

Sweetspot

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



224.3850, -20.8580, -18.4740



249.6030, -6.3720, -5.6680



229.5370, 2.0210, -20.1150



124.7390, -3.7590, -3.4630



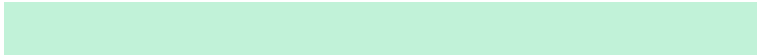
0.0000, 0.0000, 0.0000



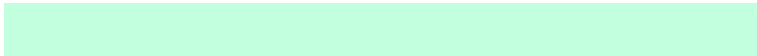
128.0000, -0.0000, -0.0000

Same Dimension

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



224.3850, -20.8580, -18.4740



233.1130, -26.0840, -22.8840



227.1210, -28.5620, -11.0100



115.6140, -4.9050, -4.7210



117.8120, -78.2060, -69.4860



35.8360, -23.7460, -21.2020

Inverse Universe

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



210.6150, 20.8580, 18.4740



215.8870, 26.0840, 22.8840



207.8790, 28.5620, 11.0100



112.2720, 5.2260, 4.4100



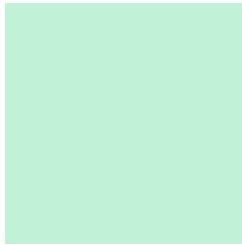
66.0740, 78.5270, 69.1750



20.1640, 23.7460, 21.2020

Previews

White Background



This preview shows how the YIQ color 224.3850, -20.8580, -18.4740 looks on a white background.

Color Contrast Check

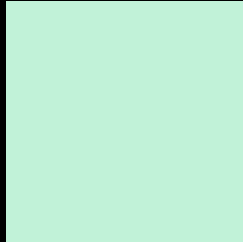
Large Text (above 18pt) WCAG AA × Fail

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 224.3850, -20.8580, -18.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

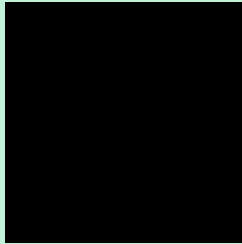
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

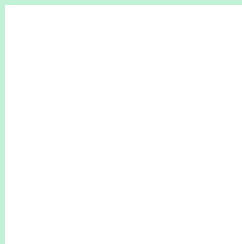
Any Text WCAG AAA ✓ Pass

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

YIQ 224.3850, -20.8580, -18.4740 Background



This preview shows how black text looks on a background with the YIQ color 224.3850, -20.8580, -18.4740.



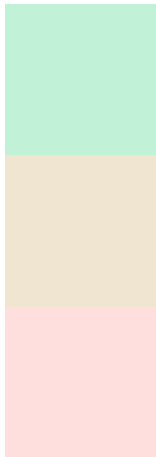
This preview shows how white text looks on a background with the YIQ color 224.3850, -20.8580, -18.4740.

-18.4740.

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

224.3850, -20.8580, -18.4740

Protanopia

229.7100, 12.3800, -4.1000

Deuteranopia

232.3400, 19.7140, 6.1620



Tritanopia

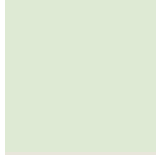
227.4020, -27.5550, -1.7230

Trichromacy



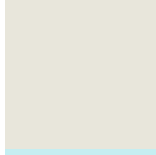
Original Color

224.3850, -20.8580, -18.4740



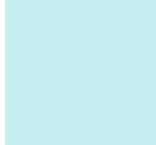
Protanomaly

227.9040, -0.0900, -9.3860



Deuteranomaly

229.3440, 4.7230, -2.9970



Tritanomaly

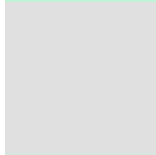
226.0830, -25.3990, -7.7590

Monochromacy



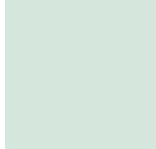
Original Color

224.3850, -20.8580, -18.4740



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

224.4780, -7.5180, -6.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.3850, -20.8580, -18.4740 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(193, 242, 216)` looks like.

```
.text, #text, p{  
    color:rgb(193, 242, 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(193, 242, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 242, 216) }
```

Border

The CSS property to change the border of an element to YIQ 224.3850, -20.8580, -18.4740 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(193, 242, 216) }
```


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

```
.border{ border-color:rgb(193, 242, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 242, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 242, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 242, 216);  
box-shadow:4px 4px 4px 4px rgb(193, 242,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 224.3850, -20.8580, -18.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 242, 216) }
```

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

```
.background{ background-color: rgb(193,  
242, 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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