

Converting Colors

YIQ(224.1070, -25.9470,
-19.8590)

Have a look what the booklet for
YIQ(224.1070, -25.9470, -19.8590)
contains.

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Color

**YIQ(224.1070, -25.9470,
-19.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	BBF4DB
RGB	187, 244, 219
RGB Percent	73%, 96%, 86%
CMY	0.2668, 0.0430, 0.1413
CMYK	0.23, 0.00, 0.10, 0.04
HSL	154°, 72%, 85%
HSV	154°, 23%, 96%
XYZ	65.6253, 80.3890, 79.0609
YIQ	224.1070, -25.9470, -19.8590

Conversions

Conversions Part 2

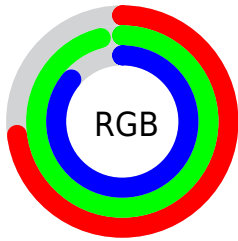
Format	Color
RYB	187, 224, 244
Decimal	12317915
CIELab	91.86, -22.99, 6.20
CIELCh	92, 23.808, 164.900
Yxy	80.3890, 0.2916, 0.3572
Android (android.graphics.Color)	4290507995 (0xFFBBF4DB)
YUV	224.1070, -2.5178, -32.5428
Hunter-Lab	89.6599, -26.2543, 10.4808

Details

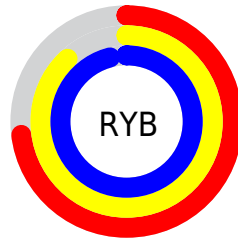
The YIQ color **224.1070, -25.9470, -19.8590** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **206.8930, 25.9470, 19.8590**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, -6.5560, -2.3320**, and **168.8190, -25.0760, -19.1240** is the 20% darker color. If you saturate the color by 10%, you get **215.6770, -36.7200, -28.3680**, and if you desaturate by 10%, it is **232.5370, -15.1740, -11.3500**.

Distribution



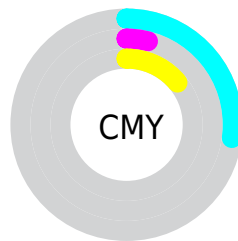
- Red (73%)
- Green (96%)
- Blue (86%)



- Red (73%)
- Yellow (88%)
- Blue (96%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (27%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.1070, -25.9470, -19.8590 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 224.1070, -25.9470, -19.8590 by changing the saturation by 10% instead.

■ 224.1070,
-25.9470, -19.8590

■ 224.1070,
-25.9470, -19.8590

255.0000, -0.0000,
-0.0000

■ 195.5200,
-25.6720, -19.3360

■ 251.7110, -6.5560,
-2.3320

■ 168.8190,
-25.0760, -19.1240

■ 141.9330,
-25.3970, -18.8130

■ 115.6450,
-24.5260, -18.0780

■ 90.7590, -24.8470,
-17.7670

■ 65.9870, -25.4890,
-17.1450

■ 41.3070, -29.3860,

-18.1060

■ 24.8140, -17.5120,
-13.0320

■ 7.6310, -3.5750,
-6.7990

■ 224.1070,
-25.9470, -19.8590

■ 224.1070,
-25.9470, -19.8590

■ 215.6770,
-36.7200, -28.3680

■ 232.5370,
-15.1740, -11.3500

■ 207.0620,
-48.4100, -36.7780

■ 241.1520, -3.4840,
-2.9400

■ 198.6320,
-59.1830, -45.2870

■ 248.0870, 4.3090,
4.5090

■ 189.9030,
-70.5520, -54.0080

■ 248.5430, 3.0250,
5.7530

■ 181.4730,
-81.3250, -62.5170

■ 173.1570,
-92.4190, -70.7150

■ 164.4280,
-103.7880, -79.4360

■ 158.8460,
-111.0770, -85.0050

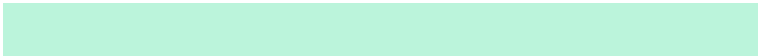
Harmonies

Analogous

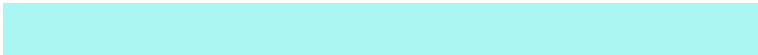
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.6550, -4.1230, -18.8990



224.1070, -25.9470, -19.8590



222.6460, -43.4620, -16.3100

Triad

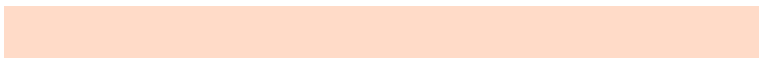
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.1070, -25.9470, -19.8590



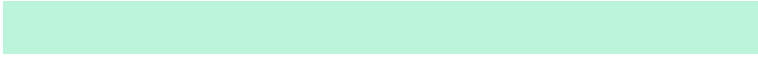
230.1590, -13.3890, 5.8670



227.5980, 27.5550, 1.7230

Complementary

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



224.1070, -25.9470, -19.8590



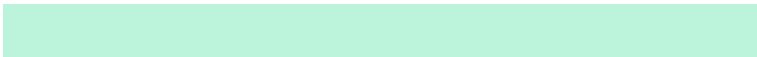
206.8930, 25.9470, 19.8590

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.



228.2310, 21.6390, 9.8230



224.1070, -25.9470, -19.8590



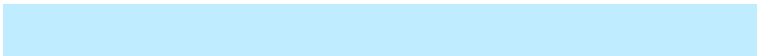
234.1340, 6.0950, 16.1990

Square

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



224.1070, -25.9470, -19.8590



225.2980, -33.1940, -4.1540



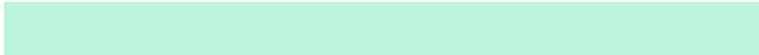
231.4400, 13.9810, 16.4530



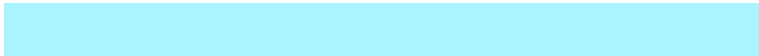
230.3390, 29.4820, -5.6700

Rectangle

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



224.1070, -25.9470, -19.8590



223.1280, -47.6350, -12.2670



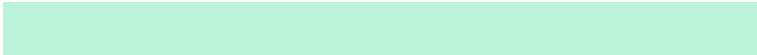
231.4400, 13.9810, 16.4530



227.6950, 25.9040, 4.1120

Sweetspot

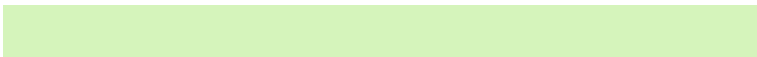
The Sweet Spot groups the original color and five complimentary colors.



224.1070, -25.9470, -19.8590



248.7060, -8.1600, -6.3040



228.2330, -0.1790, -24.2990



124.1410, -4.9510, -3.8870



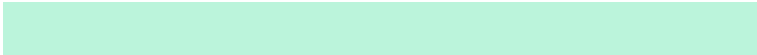
0.0000, 0.0000, 0.0000



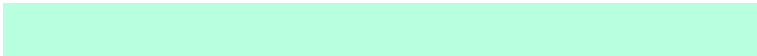
128.0000, -0.0000, -0.0000

Same Dimension

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



224.1070, -25.9470, -19.8590



230.2370, -32.3650, -24.6930



225.1960, -33.1470, -10.5150



117.8420, -5.5470, -4.0990



121.0380, -84.5340, -64.9340



38.3950, -26.8180, -20.5940

Inverse Universe

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



206.8930, 25.9470, 19.8590



208.7630, 32.3650, 24.6930



205.8040, 33.1470, 10.5150



114.2720, 5.2260, 4.4100



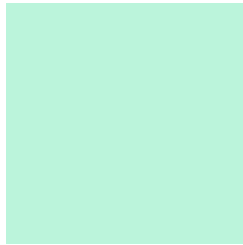
64.9620, 84.5340, 64.9340



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 224.1070, -25.9470, -19.8590 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 224.1070, -25.9470, -19.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

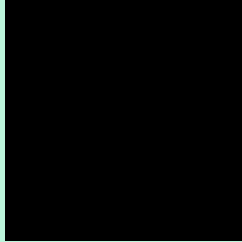
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

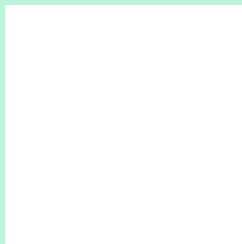
Any Text WCAG AAA ✓ Pass

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

YIQ 224.1070, -25.9470, -19.8590 Background



This preview shows how black text looks on a background with the YIQ color 224.1070, -25.9470, -19.8590.



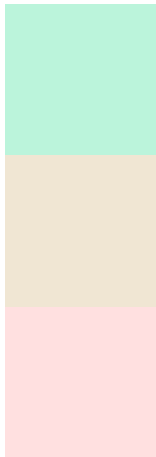
This preview shows how white text looks on a background with the YIQ color 224.1070, -25.9470, -19.8590.

-19.8590.

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

224.1070, -25.9470, -19.8590

Protanopia

230.8240, 12.0590, -3.7890

Deuteranopia

233.2690, 18.4760, 6.5720



Tritanopia

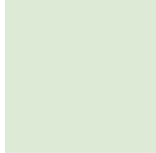
227.9780, -29.2970, -3.1930

Trichromacy



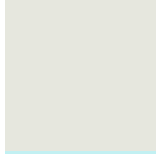
Original Color

224.1070, -25.9470, -19.8590



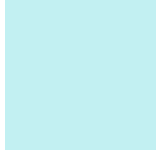
Protanomaly

228.4200, -1.6030, -9.4990



Deuteranomaly

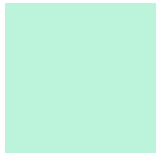
229.6750, 2.2930, -3.0110



Tritanomaly

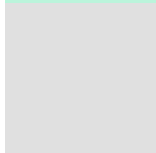
226.4740, -28.0580, -9.1300

Monochromacy



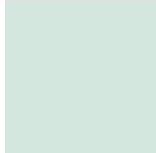
Original Color

224.1070, -25.9470, -19.8590



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.9940, -9.0310, -7.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.1070, -25.9470, -19.8590 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(187, 244, 219)` looks like.

```
.text, #text, p{  
    color:rgb(187, 244, 219)  
}
```

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(187, 244, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 244, 219) }
```

Border

The CSS property to change the border of an element to YIQ 224.1070, -25.9470, -19.8590 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(187, 244, 219) }
```


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

```
.border{ border-color:rgb(187, 244, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 244, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 244, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 244, 219);  
box-shadow:4px 4px 4px 4px rgb(187, 244,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 224.1070, -25.9470, -19.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 244, 219) }
```

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

```
.background{ background-color: rgb(187,  
244, 219) }
```

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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