

Converting Colors

YIQ(224.1890, -23.2420,
-19.3220)

Have a look what the booklet for
YIQ(224.1890, -23.2420, -19.3220)
contains.

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Color

**YIQ(224.1890, -23.2420,
-19.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF3D9
RGB	190, 243, 217
RGB Percent	75%, 95%, 85%
CMY	0.2550, 0.0470, 0.1491
CMYK	0.22, 0.00, 0.11, 0.05
HSL	151°, 69%, 85%
HSV	151°, 22%, 95%
XYZ	65.8054, 80.0658, 77.6190
YIQ	224.1890, -23.2420, -19.3220

Conversions

Conversions Part 2

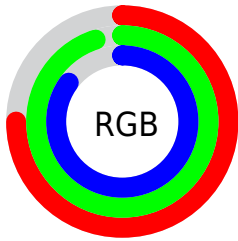
Format	Color
R_{YB}	190, 225, 243
Decimal	12514265
CIE _{Lab}	91.71, -21.96, 7.05
CIE _{LCh}	92, 23.063, 162.195
Yxy	80.0658, 0.2944, 0.3583
Android (android.graphics.Color)	4290704345 (0xFFBEF3D9)
YUV	224.1890, -3.5442, -29.9838
Hunter-Lab	89.4795, -25.3158, 11.2045

Details

The YIQ color $224.1890, -23.2420, -19.3220$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $208.8110, 23.2420, 19.3220$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, -4.7680, -1.6960$, and $168.9010, -22.3710, -18.5870$ is the 20% darker color. If you saturate the color by 10%, you get $215.6450, -33.6940, -28.1420$, and if you desaturate by 10%, it is $232.7330, -12.7900, -10.5020$.

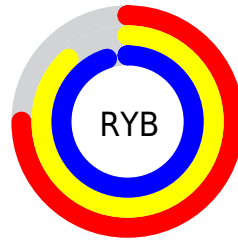
Distribution



Red (75%)

Green (95%)

Blue (85%)



Red (75%)

Yellow (88%)

Blue (95%)

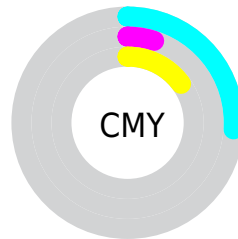


Cyan (22%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.1890, -23.2420, -19.3220 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 224.1890, -23.2420, -19.3220 by changing the saturation by 10% instead.

■ 224.1890,
-23.2420, -19.3220

■ 224.1890,
-23.2420, -19.3220

255.0000, -0.0000,
-0.0000

■ 196.1890,
-23.2420, -19.3220

■ 252.6080, -4.7680,
-1.6960

■ 168.9010,
-22.3710, -18.5870

■ 142.3140,
-22.0960, -18.0640

■ 115.8410,
-22.1420, -17.2300

■ 91.1400, -21.5460,
-17.0180

■ 66.3680, -22.1880,
-16.3960

■ 42.2860, -24.8930,

-16.9330

■ 24.7000, -17.1910,
-13.3430

■ 7.0440, -3.3000,
-6.2760

■ 224.1890,
-23.2420, -19.3220

■ 224.1890,
-23.2420, -19.3220

■ 215.6450,
-33.6940, -28.1420

■ 232.7330,
-12.7900, -10.5020

■ 206.8020,
-44.7420, -37.1740

■ 241.5760, -1.7420,
-1.4700

■ 198.2580,
-55.1940, -45.9940

■ 247.7280, 3.9420,
5.6540

■ 189.7140,
-65.6460, -54.8140

■ 247.9560, 3.3000,
6.2760

■ 180.8710,
-76.6940, -63.8460

■ 172.3270,
-87.1460, -72.6660

■ 163.7830,
-97.5980, -81.4860

■ 156.7770,
-106.6290, -88.5250

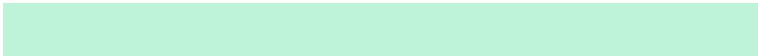
Harmonies

Analogous

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



226.8510, -1.7390, -18.0510



224.1890, -23.2420, -19.3220



222.6140, -40.4360, -16.0840

Triad

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



224.1890, -23.2420, -19.3220



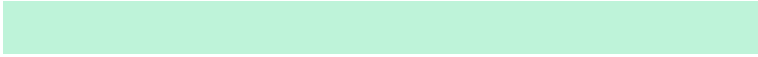
229.2620, -15.1770, 5.2310



227.8260, 26.9130, 2.3450

Complementary

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



224.1890, -23.2420, -19.3220



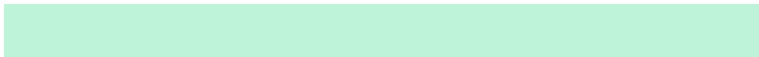
208.8110, 23.2420, 19.3220

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.



228.4590, 20.9970, 10.4450



224.1890, -23.2420, -19.3220



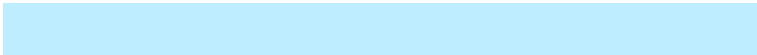
233.5250, 3.4360, 14.8280

Square

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



224.1890, -23.2420, -19.3220



224.9990, -33.7900, -4.3660



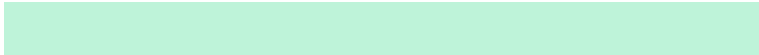
231.5540, 13.6600, 16.7640



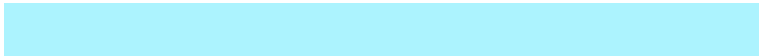
229.9800, 29.1150, -4.5250

Rectangle

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



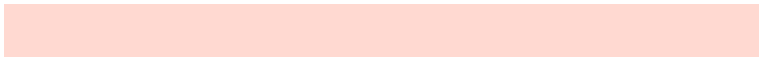
224.1890, -23.2420, -19.3220



223.0250, -45.8470, -11.6310



231.5540, 13.6600, 16.7640



227.4500, 25.2160, 5.5680

Sweetspot

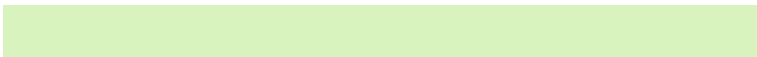
The Sweet Spot groups the original color and five complimentary colors.



224.1890, -23.2420, -19.3220



248.5920, -7.8390, -6.6150



228.8850, 0.9210, -22.2070



124.0270, -4.6300, -4.1980



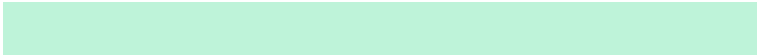
0.0000, 0.0000, 0.0000



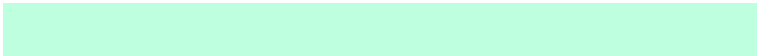
128.0000, -0.0000, -0.0000

Same Dimension

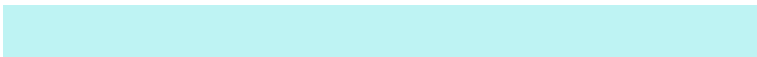
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.1890, -23.2420, -19.3220



231.5040, -28.7430, -24.2550



227.1530, -31.5880, -11.2360



117.7280, -5.2260, -4.4100



120.0120, -81.6450, -67.7330



38.0530, -25.8550, -21.5270

Inverse Universe

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



208.8110, 23.2420, 19.3220



212.3820, 29.0640, 23.9440



205.8470, 31.5880, 11.2360



114.2720, 5.2260, 4.4100



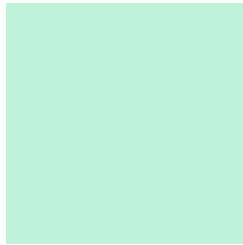
65.9880, 81.6450, 67.7330



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 224.1890, -23.2420, -19.3220 looks on a white background.

Color Contrast Check

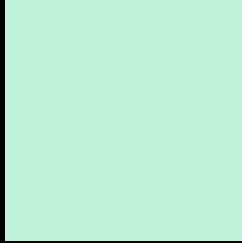
Large Text (above 18pt) WCAG AA × Fail

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 224.1890, -23.2420, -19.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

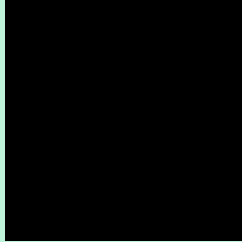
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

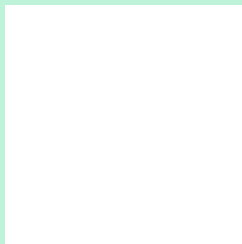
Any Text WCAG AAA ✓ Pass

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

YIQ 224.1890, -23.2420, -19.3220 Background



This preview shows how black text looks on a background with the YIQ color 224.1890, -23.2420, -19.3220.



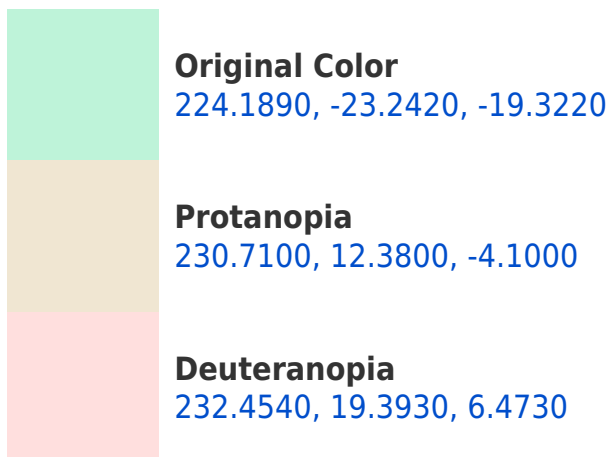
This preview shows how white text looks on a background with the YIQ color 224.1890, -23.2420, -19.3220.

-19.3220.

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





Tritanopia

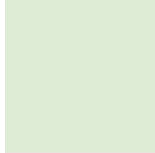
227.6900, -28.4260, -2.4580

Trichromacy



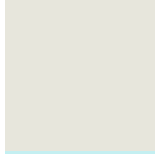
Original Color

224.1890, -23.2420, -19.3220



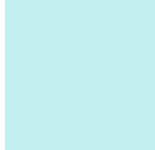
Protanomaly

228.6050, -0.6860, -9.5980



Deuteranomaly

229.1590, 3.8060, -2.8980



Tritanomaly

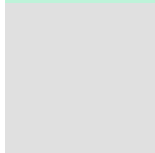
226.3710, -26.2700, -8.4940

Monochromacy



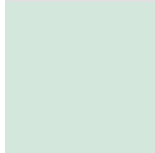
Original Color

224.1890, -23.2420, -19.3220



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

224.1790, -8.1140, -7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.1890, -23.2420, -19.3220 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(190, 243, 217)` looks like.

```
.text, #text, p{  
    color:rgb(190, 243, 217)  
}
```

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(190, 243, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 243, 217) }
```

Border

The CSS property to change the border of an element to YIQ 224.1890, -23.2420, -19.3220 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(190, 243, 217) }
```


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

```
.border{ border-color:rgb(190, 243, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 243, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 243, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 243, 217);  
box-shadow:4px 4px 4px 4px rgb(190, 243,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 224.1890, -23.2420, -19.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 243, 217) }
```

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

```
.background{ background-color: rgb(190,  
243, 217) }
```

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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