

Converting Colors

YIQ(220.2870, -9.4390,
-32.6950)

Have a look what the booklet for
YIQ(220.2870, -9.4390, -32.6950)
contains.

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Color

**YIQ(220.2870, -9.4390,
-32.6950)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BFF4AF |
| RGB | 191, 244, 175 |
| RGB Percent | 75%, 96%, 69% |
| CMY | 0.2511, 0.0430, 0.3137 |
| CMYK | 0.22, 0.00, 0.28, 0.04 |
| HSL | 106°, 76%, 82% |
| HSV | 106°, 28%, 96% |
| XYZ | 61.5706, 78.8807, 52.5399 |
| YIQ | 220.2870, -9.4390, -32.6950 |

Conversions

Conversions Part 2

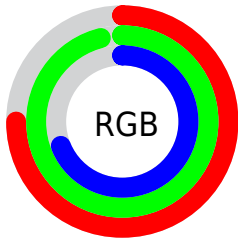
| Format | Color |
|-------------------------------------|--|
| RYB | 175, 244, 228 |
| Decimal | 12580015 |
| CIELab | 91.18, -29.36, 27.92 |
| CIELCh | 91, 40.515, 136.432 |
| Yxy | 78.8807, 0.3190, 0.4087 |
| Android (android.graphics.Color) | 4290770095 (0xFFBFF4AF) |
| YUV | 220.2870, -22.3265, -25.6847 |
| Hunter-Lab | 88.8148, -31.6814, 27.0964 |

Details

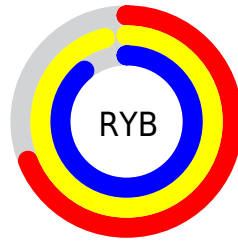
The YIQ color $220.2870, -9.4390, -32.6950$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $198.7130, 9.4390, 32.6950$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.1710, 3.5320, -8.9480$, and $164.9280, -9.8060, -31.5500$ is the 20% darker color. If you saturate the color by 10%, you get $211.8700, -13.0590, -44.1870$, and if you desaturate by 10%, it is $228.7040, -5.8190, -21.2030$.

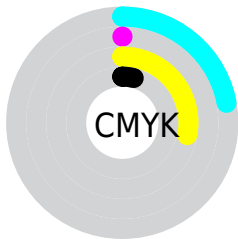
Distribution



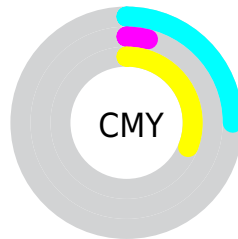
- Red (75%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)




- Cyan (25%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2870, -9.4390, -32.6950 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 220.2870, -9.4390, -32.6950 by changing the saturation by 10% instead.

 220.2870, -9.4390,
-32.6950

 220.2870, -9.4390,
-32.6950


255.0000, -0.0000,
-0.0000


 191.8140, -9.4850,
-31.8610


 250.1710, 3.5320,
-8.9480

 164.9280, -9.8060,
-31.5500

 137.8680, -9.5770,
-30.1930

 111.9820, -9.8980,
-29.8820

 86.6230, -10.2650,
-28.7370

 62.4380, -11.1820,
-28.6380

 36.9430, -14.1620,

-29.6980

■ 22.3060, -10.4500,
-19.8740

■ 4.6960, -2.2000,
-4.1840

■ 220.2870, -9.4390,
-32.6950

■ 220.2870, -9.4390,
-32.6950

■ 211.8700,
-13.0590, -44.1870

■ 228.7040, -5.8190,
-21.2030

■ 203.3390,
-16.3580, -55.9900

■ 236.9360, -3.1160,
-9.6120

■ 195.2210,
-19.3820, -67.2700

■ 245.3530, 0.5040,
1.8800

■ 186.6900,
-22.6810, -79.0730

■ 248.5430, 3.0250,
5.7530

■ 178.2730,
-26.3010, -90.5650

■ 169.8560,
-29.9210, -102.0570

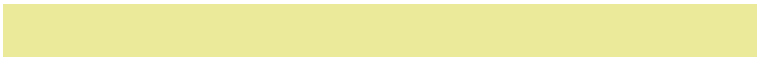
■ 161.6240,
-32.6240, -113.6480

■ 159.9720,
-33.7240, -115.7400

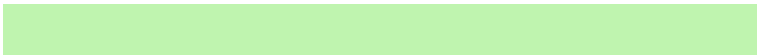
Harmonies

Analogous

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



225.1790, 26.2760, -24.6680



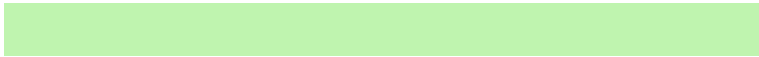
220.2870, -9.4390, -32.6950



214.0450, -49.7400, -34.7000

Triad

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



220.2870, -9.4390, -32.6950



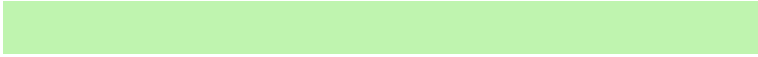
214.2130, -58.1800, -13.8920



218.1720, 29.2950, 14.2470

Complementary

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



220.2870, -9.4390, -32.6950



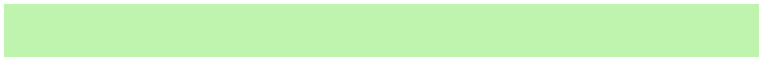
198.7130, 9.4390, 32.6950

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.



223.2050, 16.5010, 25.8530



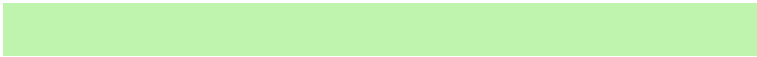
220.2870, -9.4390, -32.6950



224.5220, -18.8450, 5.6270

Square

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



220.2870, -9.4390, -32.6950



204.8560, -88.3920, -28.0400



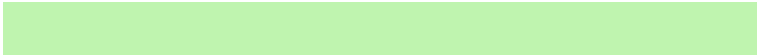
229.7590, 11.8250, 22.4890



218.8780, 38.3300, -0.8220

Rectangle

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



220.2870, -9.4390, -32.6950



209.0390, -75.9660, -32.9740



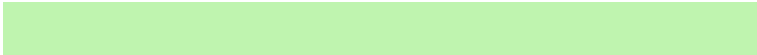
229.7590, 11.8250, 22.4890



219.0670, 25.3970, 18.8130

Sweetspot

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



220.2870, -9.4390, -32.6950



247.9360, -3.1160, -9.6120



226.7420, 26.5490, -13.0910



123.5280, -1.7870, -6.1630



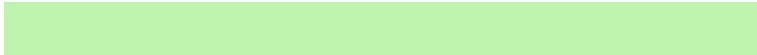
0.0000, 0.0000, 0.0000



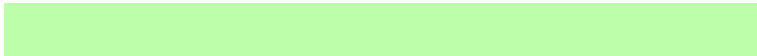
128.0000, -0.0000, -0.0000

Same Dimension

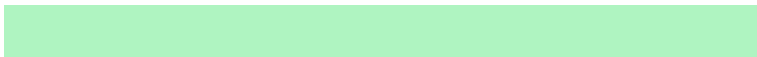
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.2870, -9.4390, -32.6950



225.0490, -12.0050, -41.2610



217.5550, -24.7530, -30.4890



117.9410, -1.5120, -5.6400



122.0390, -25.5220, -88.1620



38.8190, -7.8810, -27.8890

Inverse Universe

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



198.7130, 9.4390, 32.6950



197.9510, 12.0050, 41.2610



201.4450, 24.7530, 30.4890



114.3580, 2.1080, 5.8520



63.9610, 25.5220, 88.1620



20.1810, 7.8810, 27.8890

Previews

White Background



This preview shows how the YIQ color 220.2870, -9.4390, -32.6950 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 220.2870, -9.4390, -32.6950 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

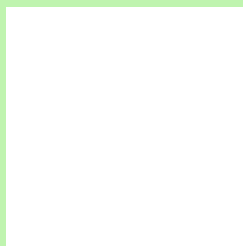
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.2870, -9.4390, -32.6950

Background



This preview shows how black text looks on a background with the YIQ color 220.2870, -9.4390, -32.6950.



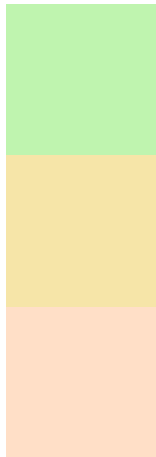
This preview shows how white text looks on a background with the YIQ color 220.2870, -9.4390,

-32.6950.

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

220.2870, -9.4390, -32.6950

Protanopia

227.1290, 29.7130, -15.3670

Deuteranopia

229.8320, 26.7760, -0.6800



Tritanopia

227.1960, -23.9790, -0.4510

Trichromacy



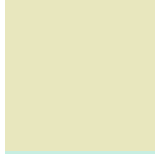
Original Color

220.2870, -9.4390, -32.6950



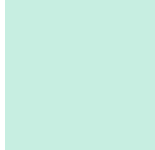
Protanomaly

224.4260, 15.4550, -21.2890



Deuteranomaly

226.6250, 13.7570, -12.5390



Tritanomaly

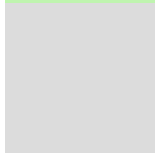
224.8570, -19.0710, -12.3110

Monochromacy



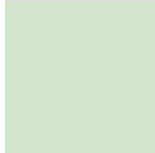
Original Color

220.2870, -9.4390, -32.6950



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.1700, -3.8950, -12.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2870, -9.4390, -32.6950 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(191, 244, 175)` looks like.

```
.text, #text, p{  
    color:rgb(191, 244, 175)  
}
```

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(191, 244, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 244, 175) }
```

Border

The CSS property to change the border of an element to YIQ 220.2870, -9.4390, -32.6950 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(191, 244, 175) }
```


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

```
.border{ border-color:rgb(191, 244, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 244, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 244, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 244, 175); box-shadow:4px 4px 4px 4px rgb(191, 244, 175) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2870, -9.4390, -32.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 244, 175) }
```

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

```
.background{ background-color: rgb(191,  
244, 175) }
```

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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