

Converting Colors

YIQ(220.5500, -17.1890,
-24.3970)

Have a look what the booklet for
YIQ(220.5500, -17.1890, -24.3970)
contains.

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Color

**YIQ(220.5500, -17.1890,
-24.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF1C6</code>
RGB	189, 241, 198
RGB Percent	74%, 95%, 78%
CMY	0.2590, 0.0548, 0.2236
CMYK	0.22, 0.00, 0.18, 0.05
HSL	130°, 65%, 84%
HSV	130°, 22%, 95%
XYZ	62.6305, 77.8142, 65.1394
YIQ	220.5500, -17.1890, -24.3970

Conversions

Conversions Part 2

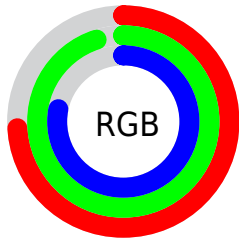
Format	Color
RYB	189, 233, 241
Decimal	12448198
CIELab	90.70, -24.80, 15.43
CIElCh	91, 29.207, 148.099
Yxy	77.8142, 0.3046, 0.3785
Android (android.graphics.Color)	4290638278 (0xFFBDF1C6)
YUV	220.5500, -11.1171, -27.6693
Hunter-Lab	88.2123, -27.6372, 17.9666

Details

The YIQ color **220.5500, -17.1890, -24.3970** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **209.4500, 17.1890, 24.3970**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, -5.3640, -1.9080**, and **165.3760, -16.6390, -23.3510** is the 20% darker color. If you saturate the color by 10%, you get **211.0940, -25.0730, -35.7050**, and if you desaturate by 10%, it is **230.0060, -9.3050, -13.0890**.

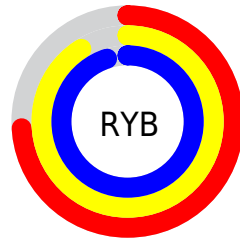
Distribution



Red (74%)

Green (95%)

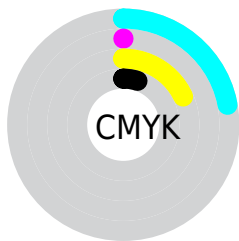
Blue (78%)



Red (74%)

Yellow (91%)

Blue (95%)

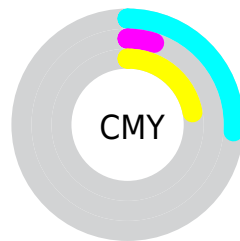


Cyan (22%)

Magenta (0%)

Yellow (18%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.5500, -17.1890, -24.3970 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 220.5500, -17.1890, -24.3970 by changing the saturation by 10% instead.

■ 220.5500,
-17.1890, -24.3970

■ 220.5500,
-17.1890, -24.3970

■ 255.0000, -0.0000,
-0.0000

■ 192.9630,
-16.9140, -23.8740

■ 252.3090, -5.3640,
-1.9080

■ 165.3760,
-16.6390, -23.3510

■ 138.7890,
-16.3640, -22.8280

■ 112.4300,
-16.7310, -21.6830

■ 87.8430, -16.4560,
-21.1600

■ 63.9570, -16.7770,
-20.8490

■ 39.4020, -19.5280,

-20.5520

■ 21.1320, -9.9000,
-18.8280

■ 2.9350, -1.3750,
-2.6150

■ 220.5500,
-17.1890, -24.3970

■ 220.5500,
-17.1890, -24.3970

■ 211.0940,
-25.0730, -35.7050

■ 230.0060, -9.3050,
-13.0890

■ 201.6380,
-32.9570, -47.0130

■ 239.4620, -1.4210,
-1.7810

■ 192.1820,
-40.8410, -58.3210

■ 246.7820, 3.8500,
7.3220

■ 182.7260,
-48.7250, -69.6290

■ 172.9710,
-57.2050, -81.1490

■ 163.5150,
-65.0890, -92.4570

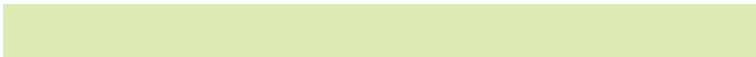
■ 154.1730,
-73.2940, -103.4540

■ 146.2550,
-79.7570, -112.9810

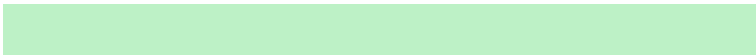
Harmonies

Analogous

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



224.4300, 9.6320, -20.3840



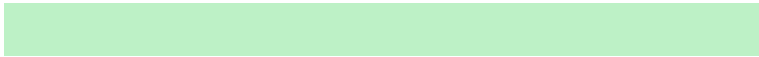
220.5500, -17.1890, -24.3970



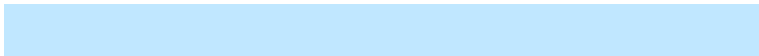
217.0170, -43.3690, -23.5050

Triad

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



220.5500, -17.1890, -24.3970



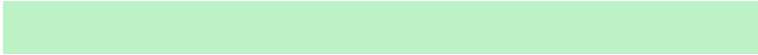
222.0750, -30.9480, -0.8040



222.6570, 29.0670, 7.3630

Complementary

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



220.5500, -17.1890, -24.3970



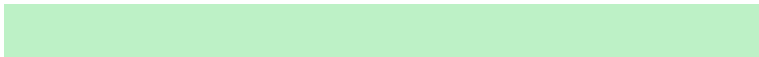
209.4500, 17.1890, 24.3970

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.



224.6750, 20.6290, 17.1170



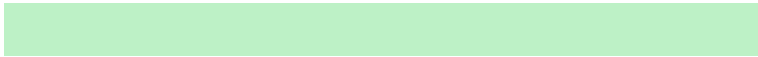
220.5500, -17.1890, -24.3970



228.4530, -5.2290, 12.1710

Square

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



220.5500, -17.1890, -24.3970



217.2030, -52.2200, -11.7720



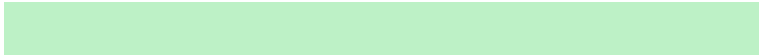
230.3460, 11.5500, 21.9660



224.3720, 33.8830, -2.8290

Rectangle

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



220.5500, -17.1890, -24.3970



216.0080, -56.3450, -19.6170



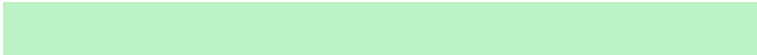
230.3460, 11.5500, 21.9660



223.0960, 26.4530, 10.6850

Sweetspot

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



220.5500, -17.1890, -24.3970



249.0330, -4.7670, -7.2230



232.3810, 11.3280, -18.0800



124.3970, -2.7960, -4.3960



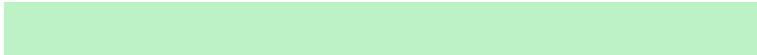
0.0000, 0.0000, 0.0000



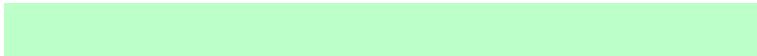
128.0000, -0.0000, -0.0000

Same Dimension

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



220.5500, -17.1890, -24.3970



228.9960, -21.6810, -31.0970



223.5140, -25.5350, -16.3110



115.2720, -3.9420, -5.6540



111.6560, -60.8720, -86.2800



34.0120, -18.6100, -26.1780

Inverse Universe

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



209.4500, 17.1890, 24.3970



215.0040, 21.6810, 31.0970



206.4860, 25.5350, 16.3110



112.7280, 3.9420, 5.6540



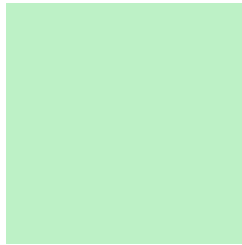
72.3440, 60.8720, 86.2800



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 220.5500, -17.1890, -24.3970 looks on a white background.

Color Contrast Check

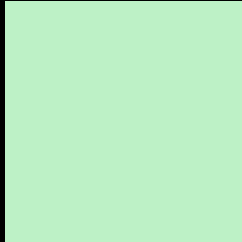
Large Text (above 18pt) WCAG AA × Fail

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 220.5500, -17.1890, -24.3970 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 220.5500, -17.1890, -24.3970 Background



This preview shows how black text looks on a background with the YIQ color 220.5500, -17.1890, -24.3970.



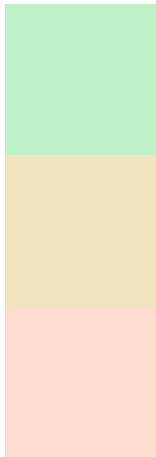
This preview shows how white text looks on a background with the YIQ color 220.5500, -17.1890, -24.3970.

-24.3970.

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

220.5500, -17.1890, -24.3970

Protanopia

226.7830, 19.3040, -8.4400

Deuteranopia

229.4560, 25.0790, 2.5430



Tritanopia

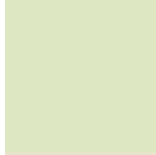
225.5870, -26.6380, -1.8220

Trichromacy



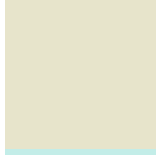
Original Color

220.5500, -17.1890, -24.3970



Protanomaly

224.3790, 5.6420, -14.1500



Deuteranomaly

226.0470, 9.8130, -7.1390



Tritanomaly

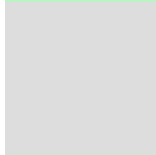
223.8720, -23.4270, -10.4590

Monochromacy



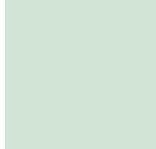
Original Color

220.5500, -17.1890, -24.3970



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.6090, -6.5090, -8.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.5500, -17.1890, -24.3970 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(189, 241, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 241, 198)  
}
```

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(189, 241, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 241, 198) }
```

Border

The CSS property to change the border of an element to YIQ 220.5500, -17.1890, -24.3970 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(189, 241, 198) }
```


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

```
.border{ border-color:rgb(189, 241, 198) }
```

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

Here you see how a box with a 4 pixel rgb(189, 241, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 241, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 241, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 241,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 220.5500, -17.1890, -24.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 241, 198) }
```

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

```
.background{ background-color: rgb(189,  
241, 198) }
```

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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