

Converting Colors

YIQ(220.7140, -11.7790,
-23.3230)

Have a look what the booklet for
YIQ(220.7140, -11.7790, -23.3230)
contains.

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Color

**YIQ(220.7140, -11.7790,
-23.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EFC2
RGB	195, 239, 194
RGB Percent	76%, 94%, 76%
CMY	0.2354, 0.0627, 0.2392
CMYK	0.18, 0.00, 0.19, 0.06
HSL	119°, 58%, 85%
HSV	119°, 19%, 94%
XYZ	63.1061, 77.2363, 62.6192
YIQ	220.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

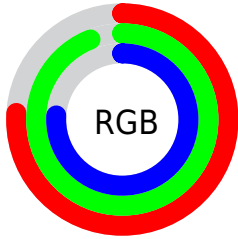
Format	Color
RYB	194, 239, 238
Decimal	12840898
CIELab	90.43, -22.56, 17.18
CIELCh	90, 28.353, 142.705
Yxy	77.2363, 0.3109, 0.3805
Android (android.graphics.Color)	4291030978 (0xFFC3EFC2)
YUV	220.7140, -13.1700, -22.5512
Hunter-Lab	87.8842, -25.6236, 19.2736

Details

The YIQ color $220.7140, -11.7790, -23.3230$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $212.2860, 11.7790, 23.3230$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6470, -0.5040, -1.8800$, and $165.5400, -11.2290, -22.2770$ is the 20% darker color. If you saturate the color by 10%, you get $211.1010, -17.7830, -35.6630$, and if you desaturate by 10%, it is $230.3270, -5.7750, -10.9830$.

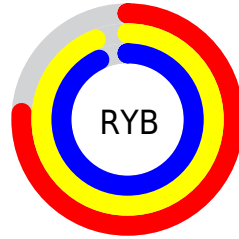
Distribution



Red (76%)

Green (94%)

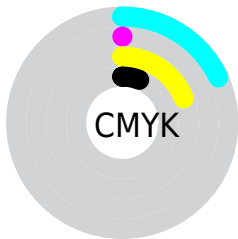
Blue (76%)



Red (76%)

Yellow (94%)

Blue (93%)

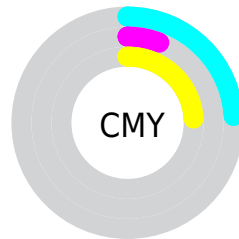


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (6%)



Cyan (24%)

Magenta (6%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.7140, -11.7790, -23.3230 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 220.7140, -11.7790, -23.3230 by changing the saturation by 10% instead.

■ 220.7140,
-11.7790, -23.3230

■ 220.7140,
-11.7790, -23.3230

255.0000, -0.0000,
-0.0000

■ 192.8280,
-12.1000, -23.0120

■ 253.6470, -0.5040,
-1.8800

■ 165.5400,
-11.2290, -22.2770

■ 139.0670,
-11.2750, -21.4430

■ 113.1810,
-11.5960, -21.1320

■ 88.0070, -11.0460,
-20.0860

■ 64.2350, -11.6880,
-19.4640

■ 41.4630, -12.3300,

-18.8420

■ 20.5450, -9.6250,
-18.3050

■ 1.7610, -0.8250,
-1.5690

■ 220.7140,
-11.7790, -23.3230

■ 220.7140,
-11.7790, -23.3230

■ 211.1010,
-17.7830, -35.6630

■ 230.3270, -5.7750,
-10.9830

■ 201.1890,
-24.3830, -48.2150

■ 240.2390, 0.8250,
1.5690

■ 191.5760,
-30.3870, -60.5550

■ 245.6080, 4.4000,
8.3680

■ 181.6640,
-36.9870, -73.1070

■ 172.0510,
-42.9910, -85.4470

■ 162.5520,
-49.3160, -97.4760

■ 152.6400,
-55.9160, -110.0280

■ 143.0270,
-61.9200, -122.3680

■ 141.7880,
-62.7450, -123.9370

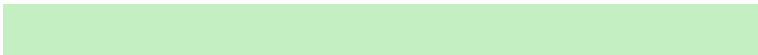
Harmonies

Analogous

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



223.9360, 14.0790, -18.3770



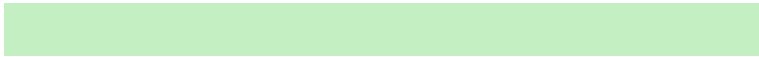
220.7140, -11.7790, -23.3230



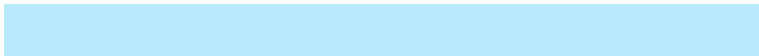
217.6540, -37.9130, -23.2650

Triad

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



220.7140, -11.7790, -23.3230



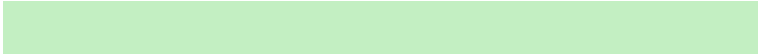
220.8680, -34.7990, -2.5990



222.6400, 27.7370, 9.4410

Complementary

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



220.7140, -11.7790, -23.3230



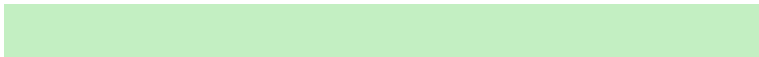
212.2860, 11.7790, 23.3230

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.



225.7180, 19.0700, 17.8380



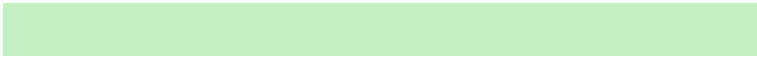
220.7140, -11.7790, -23.3230



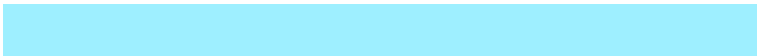
226.6480, -10.2720, 9.9520

Square

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



220.7140, -11.7790, -23.3230



216.6050, -53.4120, -12.1960



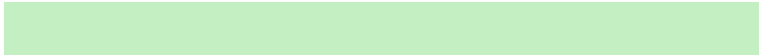
230.9330, 11.2750, 21.4430



223.5400, 33.4700, -0.8500

Rectangle

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



220.7140, -11.7790, -23.3230



215.8190, -51.4390, -20.4230



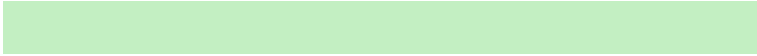
230.9330, 11.2750, 21.4430



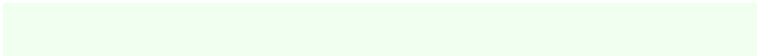
223.0790, 25.1230, 12.7630

Sweetspot

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



220.7140, -11.7790, -23.3230



248.8050, -4.1250, -7.8450



233.2830, 14.7200, -13.4720



124.2830, -2.4750, -4.7070



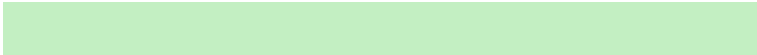
0.0000, 0.0000, 0.0000



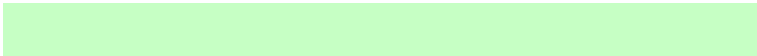
128.0000, -0.0000, -0.0000

Same Dimension

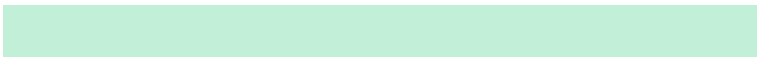
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.7140, -11.7790, -23.3230



231.2310, -15.0330, -30.4330



222.8090, -19.1160, -17.0040



115.0440, -3.3000, -6.2760



109.2040, -48.2160, -95.3840



33.1710, -14.8040, -29.0760

Inverse Universe

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



212.2860, 11.7790, 23.3230



220.0680, 15.6290, 30.6450



210.1910, 19.1160, 17.0040



112.9560, 3.3000, 6.2760



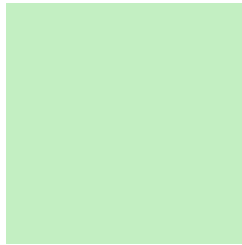
74.7960, 48.2160, 95.3840



22.8290, 14.8040, 29.0760

Previews

White Background



This preview shows how the YIQ color 220.7140, -11.7790, -23.3230 looks on a white background.

Color Contrast Check

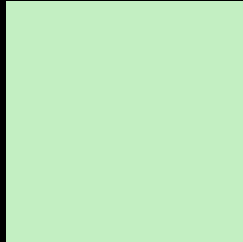
Large Text (above 18pt) WCAG AA × Fail

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 220.7140, -11.7790, -23.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

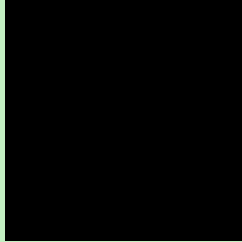
Any Text WCAG AA ✓ Pass

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 220.7140, -11.7790, -23.3230 Background



This preview shows how black text looks on a background with the YIQ color 220.7140, -11.7790, -23.3230.



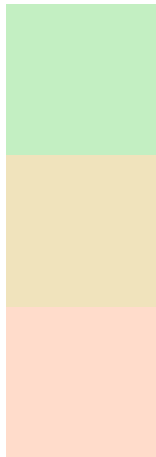
This preview shows how white text looks on a background with the YIQ color 220.7140, -11.7790, -23.3230.

-23.3230.

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

220.7140, -11.7790, -23.3230

Protanopia

226.4410, 20.2670, -9.3730

Deuteranopia

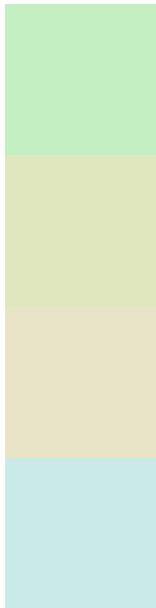
228.5270, 26.3170, 2.1330



Tritanopia

225.0930, -22.1910, 0.1850

Trichromacy



Original Color

220.7140, -11.7790, -23.3230

Protanomaly

224.2330, 8.9890, -14.2350

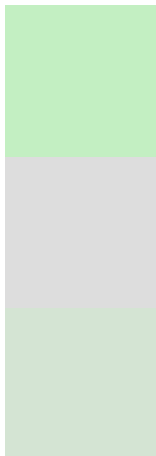
Deuteranomaly

225.7160, 12.2430, -7.1250

Tritanomaly

223.6770, -18.3840, -8.2400

Monochromacy



Original Color

220.7140, -11.7790, -23.3230

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2780, -4.0790, -8.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.7140, -11.7790, -23.3230 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(195, 239, 194)` looks like.

```
.text, #text, p{  
    color:rgb(195, 239, 194)  
}
```

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(195, 239, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 239, 194) }
```

Border

The CSS property to change the border of an element to YIQ 220.7140, -11.7790, -23.3230 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(195, 239, 194) }
```


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

```
.border{ border-color:rgb(195, 239, 194) }
```

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

Here you see how a box with a 4 pixel rgb(195, 239, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 239, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 239, 194);  
box-shadow:4px 4px 4px 4px rgb(195, 239,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 220.7140, -11.7790, -23.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 239, 194) }
```

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

```
.background{ background-color: rgb(195,  
239, 194) }
```

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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