

Converting Colors

YIQ(223.2780, -13.2470,
-18.7430)

Have a look what the booklet for
YIQ(223.2780, -13.2470, -18.7430)
contains.

YIQ(223.2780, -13.2470, -18.7430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(223.2780, -13.2470,
-18.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	C7EFCE
RGB	199, 239, 206
RGB Percent	78%, 94%, 81%
CMY	0.2197, 0.0627, 0.1922
CMYK	0.17, 0.00, 0.14, 0.06
HSL	131°, 56%, 86%
HSV	131°, 17%, 94%
XYZ	65.5565, 78.3368, 70.0534
YIQ	223.2780, -13.2470, -18.7430

Conversions

Conversions Part 2

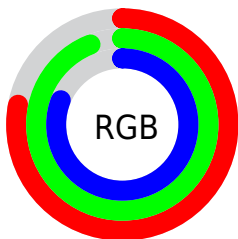
Format	Color
R _Y B	199, 233, 239
Decimal	13103054
CIE Lab	90.93, -19.15, 11.71
CIE LCh	91, 22.447, 148.555
Yxy	78.3368, 0.3064, 0.3662
Android (android.graphics.Color)	4291293134 (0xFFC7EFCE)
YUV	223.2780, -8.5181, -21.2918
Hunter-Lab	88.5081, -22.6770, 15.0281

Details

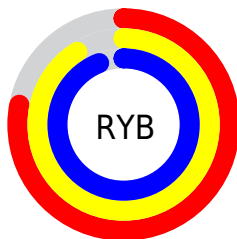
The YIQ color **223.2780, -13.2470, -18.7430** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **214.7220, 13.2470, 18.7430**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **168.1040, -12.6970, -17.6970** is the 20% darker color. If you saturate the color by 10%, you get **213.8220, -21.1310, -30.0510**, and if you desaturate by 10%, it is **232.7340, -5.3630, -7.4350**.

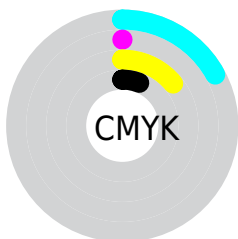
Distribution



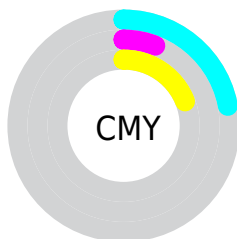
- Red (78%)
- Green (94%)
- Blue (81%)



- Red (78%)
- Yellow (91%)
- Blue (94%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (22%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.2780, -13.2470, -18.7430 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 223.2780, -13.2470, -18.7430 by changing the saturation by 10% instead.

■ 223.2780,
-13.2470, -18.7430

■ 223.2780,
-13.2470, -18.7430

255.0000, -0.0000,
-0.0000

■ 195.2780,
-13.2470, -18.7430

■ 168.1040,
-12.6970, -17.6970

■ 141.5170,
-12.4220, -17.1740

■ 115.6310,
-12.7430, -16.8630

■ 91.0440, -12.4680,
-16.3400

■ 66.8700, -11.9180,
-15.2940

■ 43.9840, -12.2390,

-14.9830

■ 21.9840, -12.2390,
-14.9830

■ 3.5220, -1.6500,
-3.1380

■ 223.2780,
-13.2470, -18.7430

■ 223.2780,
-13.2470, -18.7430

■ 213.8220,
-21.1310, -30.0510

■ 232.7340, -5.3630,
-7.4350

■ 204.4800,
-29.3360, -41.0480

■ 242.0760, 2.8420,
3.5620

■ 195.0240,
-37.2200, -52.3560

■ 245.6080, 4.4000,
8.3680

■ 185.5680,
-45.1040, -63.6640

■ 176.1120,
-52.9880, -74.9720

■ 167.0690,
-60.5970, -85.7570

■ 157.6130,
-68.4810, -97.0650

■ 148.1570,
-76.3650, -108.3730

■ 145.0810,
-79.2070, -111.9350

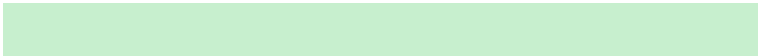
Harmonies

Analogous

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



225.8090, 7.2470, -15.7050



223.2780, -13.2470, -18.7430



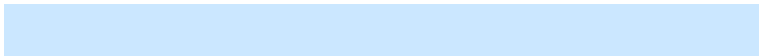
220.8660, -32.4580, -17.4980

Triad

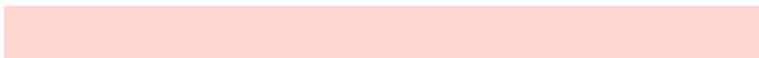
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.2780, -13.2470, -18.7430



225.3640, -24.3920, 1.5280



226.2760, 25.7660, 6.6140

Complementary

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



223.2780, -13.2470, -18.7430



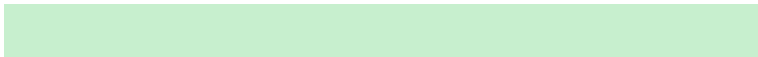
214.7220, 13.2470, 18.7430

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.



228.1970, 18.9790, 13.9790



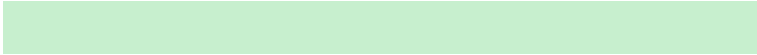
223.2780, -13.2470, -18.7430



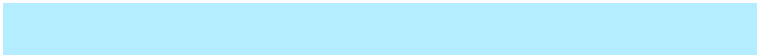
229.9260, -5.1830, 11.3370

Square

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



223.2780, -13.2470, -18.7430



222.0090, -39.7500, -6.4860



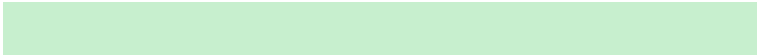
232.3520, 11.4130, 18.9410



227.3870, 29.5270, -0.9770

Rectangle

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



223.2780, -13.2470, -18.7430



220.4830, -41.4450, -14.3170



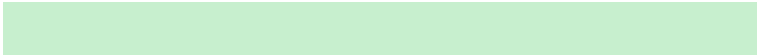
232.3520, 11.4130, 18.9410



226.4870, 23.7940, 9.3140

Sweetspot

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



223.2780, -13.2470, -18.7430



249.8590, -4.2170, -6.1770



232.3470, 8.6680, -13.9240



124.8100, -2.5210, -3.8730



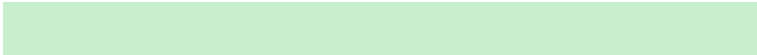
0.0000, 0.0000, 0.0000



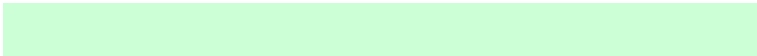
128.0000, -0.0000, -0.0000

Same Dimension

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



223.2780, -13.2470, -18.7430



234.9630, -16.9140, -23.8740



225.5580, -19.6670, -12.5230



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.



214.7220, 13.2470, 18.7430



224.0370, 16.9140, 23.8740



212.4420, 19.6670, 12.5230



112.7280, 3.9420, 5.6540



72.2300, 61.1930, 85.9690



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 223.2780, -13.2470, -18.7430 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 223.2780, -13.2470, -18.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

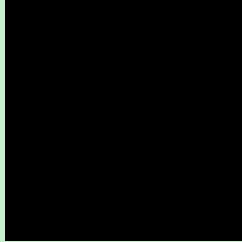
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

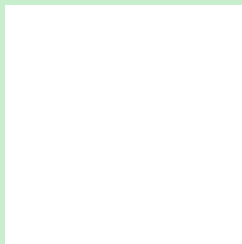
Any Text WCAG AAA ✓ Pass

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

YIQ 223.2780, -13.2470, -18.7430 Background



This preview shows how black text looks on a background with the YIQ color 223.2780, -13.2470, -18.7430.



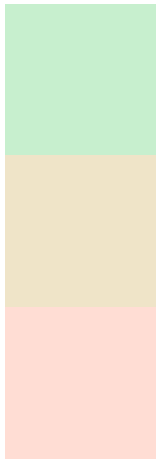
This preview shows how white text looks on a background with the YIQ color 223.2780, -13.2470, -18.7430.

-18.7430.

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

223.2780, -13.2470, -18.7430

Protanopia

228.0970, 15.5440, -6.3760

Deuteranopia

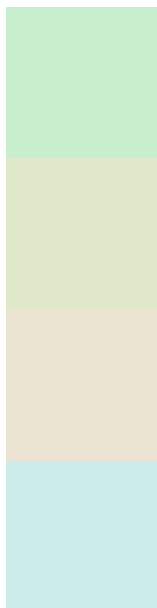
230.1400, 23.1530, 4.4090



Tritanopia

227.2780, -21.2740, 0.0860

Trichromacy



Original Color

223.2780, -13.2470, -18.7430

Protanomaly

226.1880, 4.8620, -11.0260

Deuteranomaly

228.0410, 9.9500, -4.1140

Tritanomaly

225.7310, -18.4760, -6.5720

Monochromacy



Original Color

223.2780, -13.2470, -18.7430

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1470, -5.0880, -6.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.2780, -13.2470, -18.7430 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(199, 239, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 239, 206)  
}
```

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(199, 239, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 239, 206) }
```

Border

The CSS property to change the border of an element to YIQ 223.2780, -13.2470, -18.7430 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(199, 239, 206) }
```


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

```
.border{ border-color:rgb(199, 239, 206) }
```

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

Here you see how a box with a 4 pixel rgb(199, 239, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 239, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 239, 206);  
box-shadow:4px 4px 4px 4px rgb(199, 239,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 223.2780, -13.2470, -18.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 239, 206) }
```

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

```
.background{ background-color: rgb(199,  
239, 206) }
```

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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