

Converting Colors

YIQ(218.0440, -12.4680,
-16.3400)

Have a look what the booklet for
YIQ(218.0440, -12.4680, -16.3400)
contains.

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Color

**YIQ(218.0440, -12.4680,
-16.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E8CC
RGB	196, 232, 204
RGB Percent	77%, 91%, 80%
CMY	0.2315, 0.0901, 0.2000
CMYK	0.16, 0.00, 0.12, 0.09
HSL	133°, 44%, 84%
HSV	133°, 16%, 91%
XYZ	62.5172, 73.8132, 68.0747
YIQ	218.0440, -12.4680, -16.3400

Conversions

Conversions Part 2

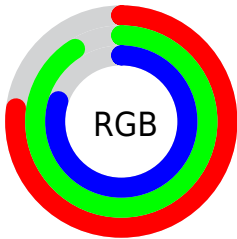
Format	Color
RYB	196, 225, 232
Decimal	12904652
CIELab	88.83, -17.04, 9.73
CIElCh	89, 19.621, 150.264
Yxy	73.8132, 0.3058, 0.3611
Android (android.graphics.Color)	4291094732 (0xFFC4E8CC)
YUV	218.0440, -6.9237, -19.3326
Hunter-Lab	85.9146, -20.4621, 13.1617

Details

The YIQ color $218.0440, -12.4680, -16.3400$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $209.9560, 12.4680, 16.3400$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $162.8700, -11.9180, -15.2940$ is the 20% darker color. If you saturate the color by 10%, you get $209.1150, -20.3980, -26.8140$, and if you desaturate by 10%, it is $226.9730, -4.5380, -5.8660$.

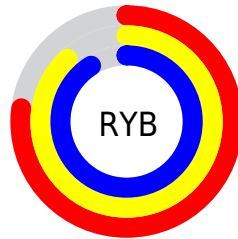
Distribution



Red (77%)

Green (91%)

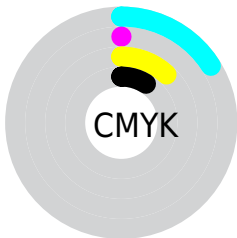
Blue (80%)



Red (77%)

Yellow (88%)

Blue (91%)

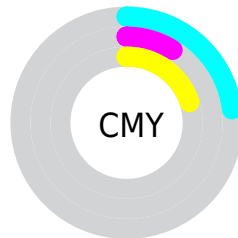


Cyan (16%)

Magenta (0%)

Yellow (12%)

Black (9%)



Cyan (23%)

Magenta (9%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.0440, -12.4680, -16.3400 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 218.0440, -12.4680, -16.3400 by changing the saturation by 10% instead.

■ 218.0440,
-12.4680, -16.3400

■ 218.0440,
-12.4680, -16.3400

■ 255.0000, -0.0000,
-0.0000

■ 190.4570,
-12.1930, -15.8170

■ 254.4020, -1.1920,
-0.4240

■ 162.8700,
-11.9180, -15.2940

■ 136.8700,
-11.9180, -15.2940

■ 111.2830,
-11.6430, -14.7710

■ 86.6960, -11.3680,
-14.2480

■ 63.1090, -11.0930,
-13.7250

■ 40.6360, -11.1390,

-12.8910

■ 19.1090, -11.0930,
-13.7250

■ 0.0000, 0.0000,
0.0000

■ 218.0440,
-12.4680, -16.3400

■ 218.0440,
-12.4680, -16.3400

■ 209.1150,
-20.3980, -26.8140

■ 226.9730, -4.5380,
-5.8660

■ 200.1860,
-28.3280, -37.2880

■ 235.9020, 3.3920,
4.6080

■ 190.9580,
-36.8540, -47.9740

■ 241.4990, 6.3250,
12.0290

■ 182.0290,
-44.7840, -58.4480

■ 173.1000,
-52.7140, -68.9220

■ 164.1710,
-60.6440, -79.3960

■ 155.2420,
-68.5740, -89.8700

■ 146.0140,
-77.1000, -100.5560

■ 142.1120,
-80.4920, -105.1640

Harmonies

Analogous

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



220.4930, 5.3210, -13.8390



218.0440, -12.4680, -16.3400



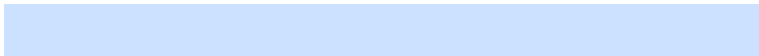
216.6000, -28.6530, -14.8690

Triad

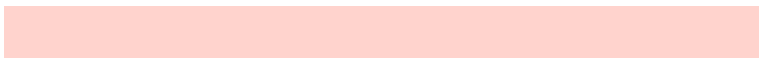
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.0440, -12.4680, -16.3400



221.8420, -22.7420, 4.6660



223.4720, 28.1500, 7.4620

Complementary

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



218.0440, -12.4680, -16.3400



209.9560, 12.4680, 16.3400

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.



225.0510, 22.3260, 13.8940



218.0440, -12.4680, -16.3400



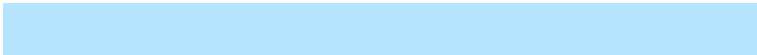
224.9090, -6.5130, 13.4150

Square

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



218.0440, -12.4680, -16.3400



218.4980, -36.6330, -2.4010



226.7710, 11.5510, 16.4390



224.5120, 30.6730, 0.2810

Rectangle

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



218.0440, -12.4680, -16.3400



216.1740, -36.0810, -12.4090



226.7710, 11.5510, 16.4390



224.1560, 26.2240, 9.3280

Sweetspot

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



218.0440, -12.4680, -16.3400



249.9730, -4.5380, -5.8660



225.5040, 6.7880, -12.8920



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



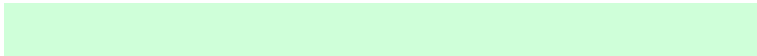
128.0000, -0.0000, -0.0000

Same Dimension

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



218.0440, -12.4680, -16.3400



236.3160, -16.4100, -21.9940



220.0960, -18.2460, -10.7420



110.3860, -4.2630, -5.3430



109.6330, -62.0650, -81.1770



31.1910, -17.5560, -23.2520

Inverse Universe

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



209.9560, 12.4680, 16.3400



225.5700, 16.7310, 21.6830



207.9040, 18.2460, 10.7420



107.6140, 4.2630, 5.3430



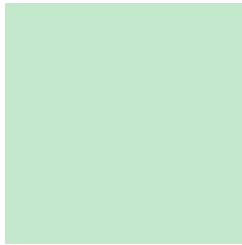
69.3670, 62.0650, 81.1770



19.8090, 17.5560, 23.2520

Previews

White Background



This preview shows how the YIQ color 218.0440, -12.4680, -16.3400 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 218.0440, -12.4680, -16.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

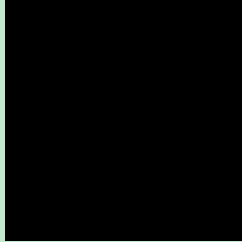
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

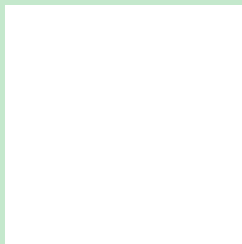
Any Text WCAG AAA ✓ Pass

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

YIQ 218.0440, -12.4680, -16.3400 Background



This preview shows how black text looks on a background with the YIQ color 218.0440, -12.4680, -16.3400.



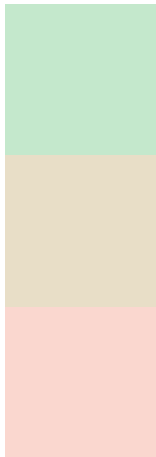
This preview shows how white text looks on a background with the YIQ color 218.0440, -12.4680, -16.3400.

-16.3400.

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

218.0440, -12.4680, -16.3400

Protanopia

222.3680, 13.3430, -5.0330

Deuteranopia

224.5530, 23.4280, 4.9320



Tritanopia

221.1750, -19.4860, 0.7220

Trichromacy



Original Color

218.0440, -12.4680, -16.3400

Protanomaly

221.0570, 3.8530, -9.2590

Deuteranomaly

221.9810, 10.1790, -2.7570

Tritanomaly

219.7420, -17.0090, -5.6250

Monochromacy



Original Color

218.0440, -12.4680, -16.3400

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.0440, -12.4680, -16.3400 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(196, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 232, 204)  
}
```

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(196, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 232, 204) }
```

Border

The CSS property to change the border of an element to YIQ 218.0440, -12.4680, -16.3400 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(196, 232, 204) }
```


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

```
.border{ border-color:rgb(196, 232, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 232, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 232,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 218.0440, -12.4680, -16.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 232, 204) }
```

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

```
.background{ background-color: rgb(196,  
232, 204) }
```

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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