

Converting Colors

YIQ(224.7690, -4.4440,
-18.5880)

Have a look what the booklet for
YIQ(224.7690, -4.4440, -18.5880)
contains.

YIQ(224.7690, -4.4440, -18.5880)	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(224.7690, -4.4440,
-18.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EEC6
RGB	209, 238, 198
RGB Percent	82%, 93%, 78%
CMY	0.1805, 0.0666, 0.2235
CMYK	0.12, 0.00, 0.17, 0.07
HSL	104°, 54%, 85%
HSV	104°, 17%, 93%
XYZ	67.0592, 78.7853, 65.1008
YIQ	224.7690, -4.4440, -18.5880

Conversions

Conversions Part 2

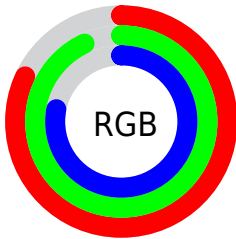
Format	Color
RYB	198, 238, 227
Decimal	13758150
CIELab	91.14, -16.68, 16.23
CIELCh	91, 23.272, 135.780
Yxy	78.7853, 0.3179, 0.3735
Android (android.graphics.Color)	4291948230 (0xFFD1EEC6)
YUV	224.7690, -13.1971, -13.8294
Hunter-Lab	88.7611, -20.4747, 18.6472

Details

The YIQ color $224.7690, -4.4440, -18.5880$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $211.2310, 4.4440, 18.5880$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.2960, -4.4900, -17.7540$ is the 20% darker color. If you saturate the color by 10%, you get $216.9500, -6.8720, -29.6560$, and if you desaturate by 10%, it is $232.5880, -2.0160, -7.5200$.

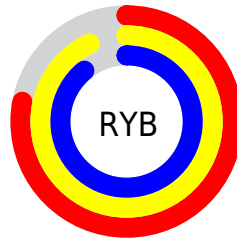
Distribution



Red (82%)

Green (93%)

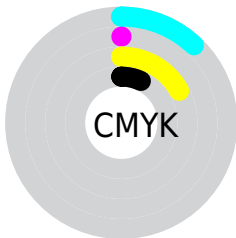
Blue (78%)



Red (78%)

Yellow (93%)

Blue (89%)

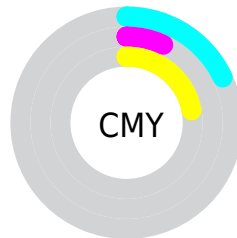


Cyan (12%)

Magenta (0%)

Yellow (17%)

Black (7%)



Cyan (18%)

Magenta (7%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.7690, -4.4440, -18.5880 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 224.7690, -4.4440, -18.5880 by changing the saturation by 10% instead.

■ 224.7690, -4.4440,
-18.5880

■ 224.7690, -4.4440,
-18.5880

255.0000, -0.0000,
-0.0000

■ 196.8830, -4.7650,
-18.2770

■ 169.2960, -4.4900,
-17.7540

■ 142.7090, -4.2150,
-17.2310

■ 117.2360, -4.2610,
-16.3970

■ 92.3500, -4.5820,
-16.0860

■ 68.7630, -4.3070,
-15.5630

■ 45.9910, -4.9490,

-14.9410

■ 24.4320, -1.8770,
-15.5490

■ 4.6960, -2.2000,
-4.1840

■ 224.7690, -4.4440,
-18.5880

■ 224.7690, -4.4440,
-18.5880

■ 216.9500, -6.8720,
-29.6560

■ 232.5880, -2.0160,
-7.5200

■ 208.8320, -9.8960,
-40.9360

■ 240.7060, 1.0080,
3.7600

■ 201.1270,
-12.6450, -51.6930

■ 245.0210, 4.6750,
8.8910

■ 193.3080,
-15.0730, -62.7610

■ 185.4890,
-17.5010, -73.8290

■ 177.3710,
-20.5250, -85.1090

■ 169.5520,
-22.9530, -96.1770

■ 161.8470,
-25.7020, -106.9340

■ 159.1410,
-26.7100, -110.6940

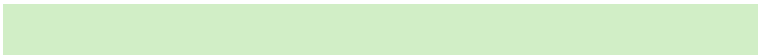
Harmonies

Analogous

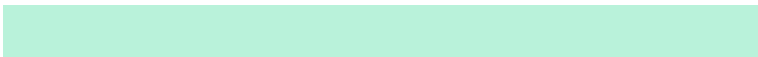
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.7670, 16.2330, -13.3590



224.7690, -4.4440, -18.5880



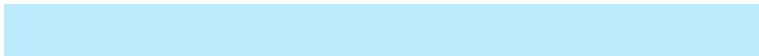
222.2210, -26.2680, -19.5480

Triad

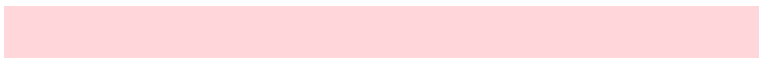
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.7690, -4.4440, -18.5880



224.1240, -32.6440, -3.1080



226.7150, 23.1520, 9.9360

Complementary

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



224.7690, -4.4440, -18.5880



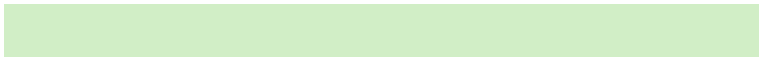
211.2310, 4.4440, 18.5880

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.



229.9240, 15.4940, 16.5660



224.7690, -4.4440, -18.5880



228.6860, -13.4350, 6.7010

Square

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



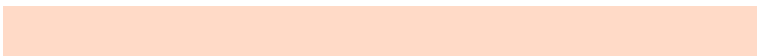
224.7690, -4.4440, -18.5880



221.3780, -45.3430, -9.7510



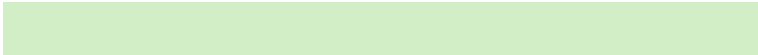
232.3620, 5.4530, 16.8210



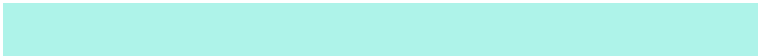
226.8970, 28.1510, 1.9350

Rectangle

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



224.7690, -4.4440, -18.5880



221.2290, -37.9140, -17.7380



232.3620, 5.4530, 16.8210



227.6270, 20.5840, 12.4240

Sweetspot

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



224.7690, -4.4440, -18.5880



250.8270, -1.1910, -5.9510



226.9830, 15.8650, -6.6870



125.2940, -1.0080, -3.7600



0.0000, 0.0000, 0.0000



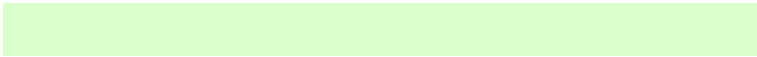
128.0000, -0.0000, -0.0000

Same Dimension

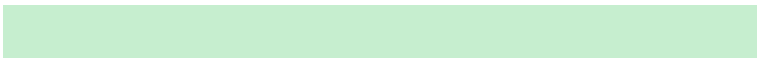
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.7690, -4.4440, -18.5880



238.1230, -5.6810, -23.7050



222.5060, -13.8890, -18.1210



115.9410, -1.5120, -5.6400



122.9580, -20.8000, -85.6320



37.3570, -6.4600, -26.1080

Inverse Universe

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



211.2310, 4.4440, 18.5880



220.8770, 5.6810, 23.7050



213.4940, 13.8890, 18.1210



112.0590, 1.5120, 5.6400



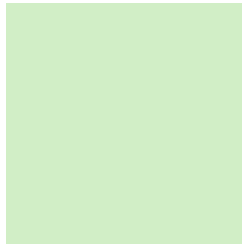
60.7430, 20.2040, 85.4200



18.6430, 6.4600, 26.1080

Previews

White Background



This preview shows how the YIQ color 224.7690, -4.4440, -18.5880 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 224.7690, -4.4440, -18.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

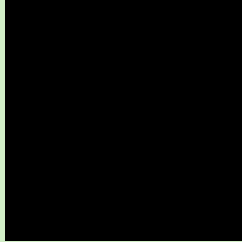
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

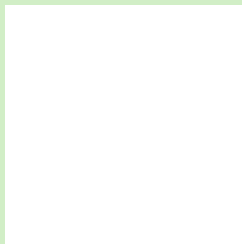
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.7690, -4.4440, -18.5880

Background



This preview shows how black text looks on a background with the YIQ color 224.7690, -4.4440, -18.5880.



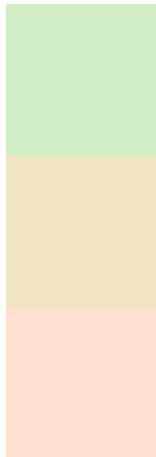
This preview shows how white text looks on a background with the YIQ color 224.7690, -4.4440,

-18.5880.

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

224.7690, -4.4440, -18.5880

Protanopia

228.4840, 18.7080, -8.6520

Deuteranopia

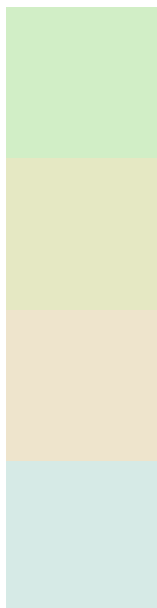
230.8580, 23.8870, 2.1190



Tritanopia

228.8660, -14.1220, 2.6300

Trichromacy



Original Color

224.7690, -4.4440, -18.5880

Protanomaly

226.8850, 10.0890, -12.1430

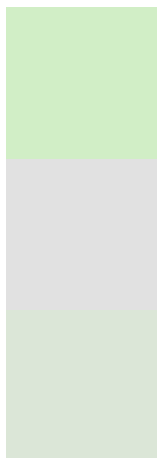
Deuteranomaly

228.2540, 13.6640, -5.3440

Tritanomaly

227.5640, -10.6360, -5.4840

Monochromacy



Original Color

224.7690, -4.4440, -18.5880

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.0010, -1.7410, -6.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.7690, -4.4440, -18.5880 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(209, 238, 198)` looks like.

```
.text, #text, p{  
    color:rgb(209, 238, 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(209, 238, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 238, 198) }
```

Border

The CSS property to change the border of an element to YIQ 224.7690, -4.4440, -18.5880 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(209, 238, 198) }
```


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

```
.border{ border-color:rgb(209, 238, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 238, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 238, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 238, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 238,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 224.7690, -4.4440, -18.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 238, 198) }
```

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

```
.background{ background-color: rgb(209,  
238, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor