

Converting Colors

YIQ(223.7680, 14.4920,
-20.3560)

Have a look what the booklet for
YIQ(223.7680, 14.4920, -20.3560)
contains.

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Color

**YIQ(223.7680, 14.4920,
-20.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E9AD
RGB	225, 233, 173
RGB Percent	88%, 91%, 68%
CMY	0.1177, 0.0862, 0.3215
CMYK	0.03, 0.00, 0.26, 0.09
HSL	68°, 58%, 80%
HSV	68°, 26%, 91%
XYZ	67.7321, 77.3030, 50.8997
YIQ	223.7680, 14.4920, -20.3560

Conversions

Conversions Part 2

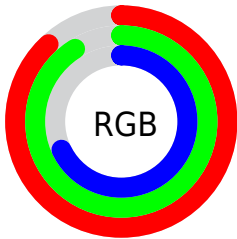
Format	Color
RYB	173, 233, 181
Decimal	14805421
CIELab	90.46, -12.28, 28.33
CIElCh	90, 30.880, 113.433
Yxy	77.3030, 0.3457, 0.3945
Android (android.graphics.Color)	4292995501 (0xFFE1E9AD)
YUV	223.7680, -25.0286, 1.0805
Hunter-Lab	87.9221, -16.3538, 27.2214

Details

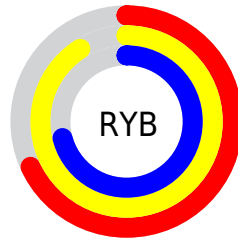
The YIQ color $223.7680, 14.4920, -20.3560$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $182.2320, -14.4920, 20.3560$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, 8.3460, -8.0860$, and $168.1100, 13.5290, -19.4230$ is the 20% darker color. If you saturate the color by 10%, you get $220.2490, 20.0870, -28.1450$, and if you desaturate by 10%, it is $227.2870, 8.8970, -12.5670$.

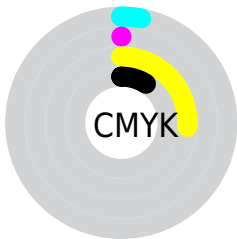
Distribution



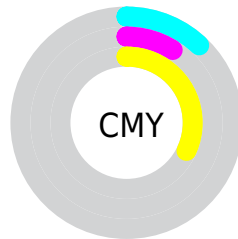
- Red (88%)
- Green (91%)
- Blue (68%)



- Red (68%)
- Yellow (91%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7680, 14.4920, -20.3560 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 223.7680, 14.4920, -20.3560 by changing the saturation by 10% instead.

■ 223.7680, 14.4920,
-20.3560

■ 223.7680, 14.4920,
-20.3560

255.0000, -0.0000,
-0.0000

■ 195.8820, 14.1710,
-20.0450

■ 252.0360, 8.3460,
-8.0860

■ 168.1100, 13.5290,
-19.4230

■ 141.9250, 12.6120,
-19.3240

■ 116.1530, 11.9700,
-18.7020

■ 91.3810, 11.3280,
-18.0800

■ 67.4950, 11.0070,
-17.7690

■ 44.2670, 11.6490,

-18.3910

■ 25.0630, 3.7160,
-12.2840

■ 1.7610, -0.8250,
-1.5690

■ 223.7680, 14.4920,
-20.3560

■ 223.7680, 14.4920,
-20.3560

■ 220.2490, 20.0870,
-28.1450

■ 227.2870, 8.8970,
-12.5670

■ 216.6160, 26.0030,
-36.2450

■ 230.9200, 2.9810,
-4.4670

■ 213.0970, 31.5980,
-44.0340

■ 234.4390, -2.6140,
3.3220

■ 209.5780, 37.1930,
-51.8230

■ 236.7040, -4.6780,
7.6900

■ 205.7600, 42.1920,
-59.8240

■ 237.9000, -2.2940,
8.5380

■ 202.1270, 48.1080,
-67.9240

■ 238.7970, -0.5060,
9.1740

■ 198.6080, 53.7030,
-75.7130

■ 239.6940, 1.2820,
9.8100

■ 197.1690, 56.3170,
-79.0350

■ 240.5910, 3.0700,
10.4460

■ 241.4880, 4.8580,
11.0820

Harmonies

Analogous

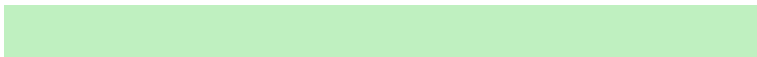
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.9990, 36.1310, -10.5330



223.7680, 14.4920, -20.3560



219.8770, -13.7960, -25.3160

Triad

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



223.7680, 14.4920, -20.3560



214.8000, -58.4550, -14.4150



224.5440, 19.6200, 18.8840

Complementary

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



223.7680, 14.4920, -20.3560



182.2320, -14.4920, 20.3560

Split Complementary

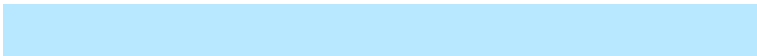
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.3460, 11.5500, 21.9660



223.7680, 14.4920, -20.3560



219.9710, -36.5870, -3.2350

Square

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



223.7680, 14.4920, -20.3560



214.1860, -62.7180, -19.7580



226.3600, -9.4010, 10.6870



221.2380, 28.9290, 9.8650

Rectangle

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



223.7680, 14.4920, -20.3560



217.1120, -33.5110, -25.9510



226.3600, -9.4010, 10.6870



226.2710, 16.1350, 21.4710

Sweetspot

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



223.7680, 14.4920, -20.3560



251.8230, 4.6320, -6.8560



195.6360, 33.5600, 8.5360



125.9200, 2.9810, -4.4670



0.0000, 0.0000, 0.0000



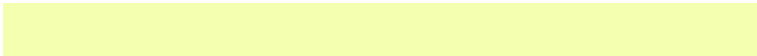
128.0000, -0.0000, -0.0000

Same Dimension

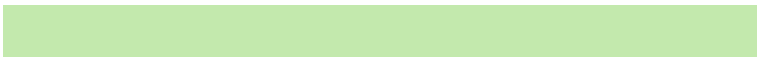
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.7680, 14.4920, -20.3560



242.7050, 18.8030, -26.9010



214.7980, -3.3880, -26.7160



115.4470, 2.9350, -3.6330



153.1900, 43.7970, -61.3790



45.4520, 12.5660, -18.4900

Inverse Universe

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



182.2320, -14.4920, 20.3560



188.2950, -18.8030, 26.9010



191.2020, 3.3880, 26.7160



107.5530, -2.9350, 3.6330



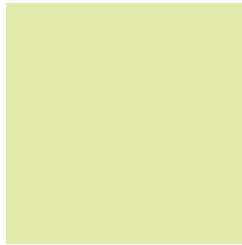
27.8100, -43.7970, 61.3790



8.2490, -13.1620, 18.2780

Previews

White Background



This preview shows how the YIQ color 223.7680, 14.4920, -20.3560 looks on a white background.

Color Contrast Check

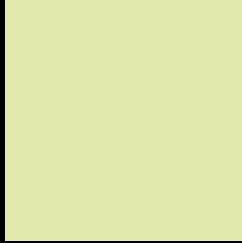
Large Text (above 18pt) WCAG AA × Fail

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 223.7680, 14.4920, -20.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

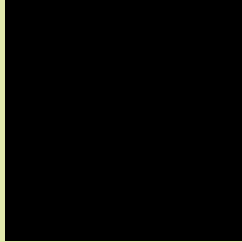
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

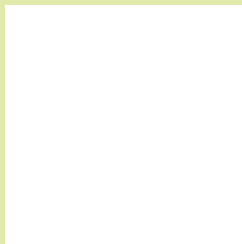
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.7680, 14.4920, -20.3560

Background



This preview shows how black text looks on a background with the YIQ color 223.7680, 14.4920, -20.3560.



This preview shows how white text looks on a background with the YIQ color 223.7680, 14.4920, -20.3560.

-20.3560.

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

223.7680, 14.4920, -20.3560

Protanopia

225.5850, 28.4290, -14.1230

Deuteranopia

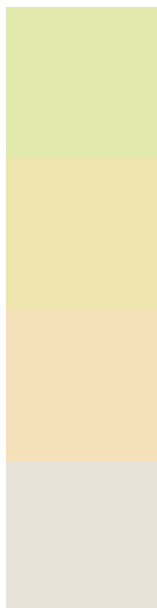
228.0880, 28.9310, -1.1890



Tritanopia

229.0420, 0.1820, 7.7180

Trichromacy



Original Color

223.7680, 14.4920, -20.3560

Protanomaly

224.7800, 23.3860, -16.3420

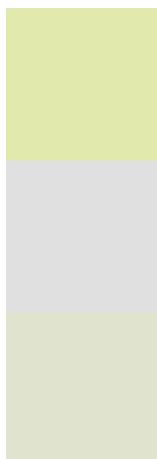
Deuteranomaly

226.2350, 23.8430, -8.1010

Tritanomaly

227.0560, 5.5940, -2.2620

Monochromacy



Original Color

223.7680, 14.4920, -20.3560

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.5950, 5.2740, -7.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7680, 14.4920, -20.3560 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(225, 233, 173)` looks like.

```
.text, #text, p{  
    color:rgb(225, 233, 173)  
}
```

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(225, 233, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 233, 173) }
```

Border

The CSS property to change the border of an element to YIQ 223.7680, 14.4920, -20.3560 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(225, 233, 173) }
```


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

```
.border{ border-color:rgb(225, 233, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 233, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 233, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 233, 173);  
box-shadow:4px 4px 4px 4px rgb(225, 233,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7680, 14.4920, -20.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 233, 173) }
```

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

```
.background{ background-color: rgb(225,  
233, 173) }
```

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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