

Converting Colors

YIQ(224.5380, 9.4480, -17.0480)

Have a look what the booklet for
YIQ(224.5380, 9.4480, -17.0480)
contains.

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Color

**YIQ(224.5380, 9.4480,
-17.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE9B9
RGB	223, 233, 185
RGB Percent	87%, 91%, 73%
CMY	0.1255, 0.0862, 0.2744
CMYK	0.04, 0.00, 0.21, 0.09
HSL	73°, 52%, 82%
HSV	73°, 21%, 91%
XYZ	68.3262, 77.4695, 57.2614
YIQ	224.5380, 9.4480, -17.0480

Conversions

Conversions Part 2

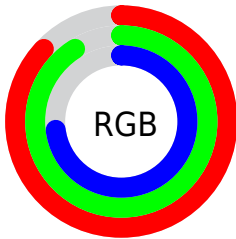
Format	Color
RYB	185, 233, 195
Decimal	14674361
CIELab	90.54, -11.31, 22.25
CIELCh	91, 24.958, 116.939
Yxy	77.4695, 0.3365, 0.3815
Android (android.graphics.Color)	4292864441 (0xFFDFE9B9)
YUV	224.5380, -19.4922, -1.3488
Hunter-Lab	88.0168, -15.4622, 23.0392

Details

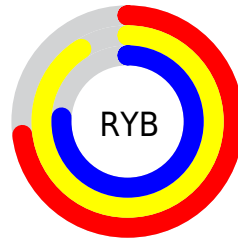
The YIQ color $224.5380, 9.4480, -17.0480$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $193.4620, -9.4480, 17.0480$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.4040, 4.4940, -4.3540$, and $168.8800, 8.4850, -16.1150$ is the 20% darker color. If you saturate the color by 10%, you get $220.4210, 13.8510, -25.2610$, and if you desaturate by 10%, it is $228.6550, 5.0450, -8.8350$.

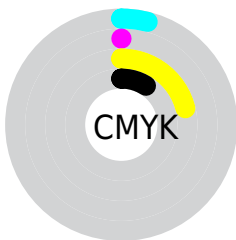
Distribution



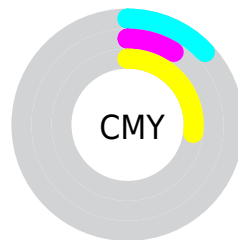
- Red (87%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.5380, 9.4480, -17.0480 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 224.5380, 9.4480, -17.0480 by changing the saturation by 10% instead.

■ 224.5380, 9.4480,
-17.0480

■ 224.5380, 9.4480,
-17.0480

255.0000, -0.0000,
-0.0000

■ 196.6520, 9.1270,
-16.7370

■ 253.4040, 4.4940,
-4.3540

■ 168.8800, 8.4850,
-16.1150

■ 142.8800, 8.4850,
-16.1150

■ 117.1080, 7.8430,
-15.4930

■ 92.2220, 7.5220,
-15.1820

■ 68.4500, 6.8800,
-14.5600

■ 45.6780, 6.2380,

-13.9380

■ 25.6610, 4.9080,
-11.8600

■ 2.3480, -1.1000,
-2.0920

■ 224.5380, 9.4480,
-17.0480

■ 224.5380, 9.4480,
-17.0480

■ 220.4210, 13.8510,
-25.2610

■ 228.6550, 5.0450,
-8.8350

■ 216.1900, 18.5750,
-33.7850

■ 232.8860, 0.3210,
-0.3110

■ 212.0730, 22.9780,
-41.9980

■ 237.0030, -4.0820,
7.9020

■ 208.2550, 27.9770,
-49.9990

■ 238.1990, -1.6980,
8.7500

■ 204.1380, 32.3800,
-58.2120

■ 239.6940, 1.2820,
9.8100

■ 199.9070, 37.1040,
-66.7360

■ 241.1890, 4.2620,
10.8700

■ 195.7900, 41.5070,
-74.9490

■ 242.0860, 6.0500,
11.5060

■ 191.7870, 45.5890,
-82.8510

Harmonies

Analogous

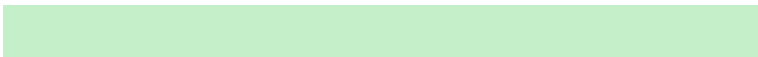
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.0460, 28.7490, -8.9070



224.5380, 9.4480, -17.0480



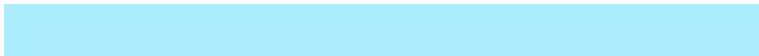
221.8110, -13.4300, -20.9340

Triad

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



224.5380, 9.4480, -17.0480



219.3180, -45.1140, -8.3940



226.4360, 19.8040, 15.5480

Complementary

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



224.5380, 9.4480, -17.0480



193.4620, -9.4480, 17.0480

Split Complementary

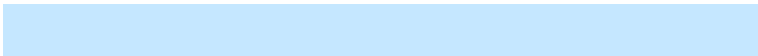
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.4060, 11.3210, 20.6090



224.5380, 9.4480, -17.0480



223.5700, -27.9680, 0.2560

Square

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



224.5380, 9.4480, -17.0480



218.2910, -49.6520, -14.2600



228.4420, -6.6960, 11.2240



224.2870, 27.2330, 7.5610

Rectangle

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



224.5380, 9.4480, -17.0480



219.6120, -28.9270, -20.9190



228.4420, -6.6960, 11.2240



227.9350, 16.9610, 17.5130

Sweetspot

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



224.5380, 9.4480, -17.0480



252.3930, 3.0270, -5.3010



205.2220, 25.8580, 4.9460



126.3760, 1.6970, -3.2230



0.0000, 0.0000, 0.0000



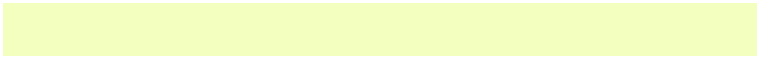
128.0000, -0.0000, -0.0000

Same Dimension

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



224.5380, 9.4480, -17.0480



243.8170, 12.7960, -22.6600



217.3620, -4.8560, -22.1360



115.1480, 2.3390, -3.8450



149.0040, 35.4530, -64.3470



44.2560, 10.1820, -19.3380

Inverse Universe

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



193.4620, -9.4480, 17.0480



202.4820, -12.2000, 22.8720



200.6380, 4.8560, 22.1360



107.8520, -2.3390, 3.8450



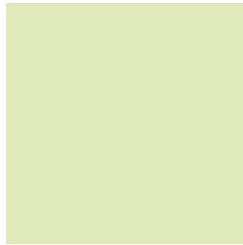
31.9960, -35.4530, 64.3470



9.4450, -10.7780, 19.1260

Previews

White Background



This preview shows how the YIQ color 224.5380, 9.4480, -17.0480 looks on a white background.

Color Contrast Check

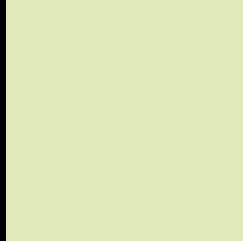
Large Text (above 18pt) WCAG AA × Fail

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 224.5380, 9.4480, -17.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

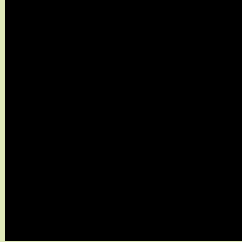
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

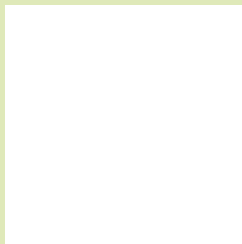
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.5380, 9.4480, -17.0480

Background



This preview shows how black text looks on a background with the YIQ color 224.5380, 9.4480, -17.0480.



This preview shows how white text looks on a background with the YIQ color 224.5380, 9.4480, -17.0480.

-17.0480.

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

224.5380, 9.4480, -17.0480

Protanopia

226.3550, 23.3850, -10.8150

Deuteranopia

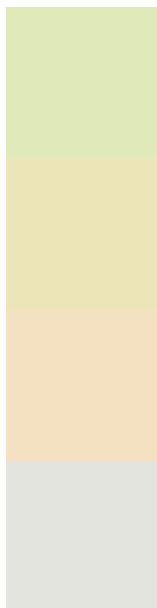
228.6580, 27.3260, 0.3660



Tritanopia

228.8460, -2.2020, 6.8700

Trichromacy



Original Color

224.5380, 9.4480, -17.0480

Protanomaly

225.5500, 18.3420, -13.0340

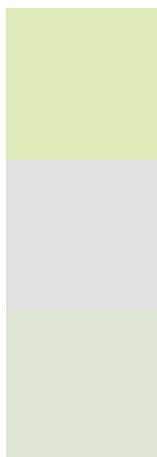
Deuteranomaly

226.8480, 20.6790, -5.8250

Tritanomaly

227.3160, 1.9260, -1.8660

Monochromacy



Original Color

224.5380, 9.4480, -17.0480

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.7520, 3.3940, -6.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.5380, 9.4480, -17.0480 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(223, 233, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 185)  
}
```

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(223, 233, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 185) }
```

Border

The CSS property to change the border of an element to YIQ 224.5380, 9.4480, -17.0480 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(223, 233, 185) }
```


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

```
.border{ border-color:rgb(223, 233, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 233, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 233, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 233, 185); box-shadow:4px 4px 4px 4px rgb(223, 233, 185) }
```

Background

The CSS property to change the background color of an element to YIQ 224.5380, 9.4480, -17.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 185) }
```

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

```
.background{ background-color: rgb(223,  
233, 185) }
```

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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