

Converting Colors

YIQ(214.4060, 1.0120, -18.3480)

Have a look what the booklet for
YIQ(214.4060, 1.0120, -18.3480)
contains.

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Color

**YIQ(214.4060, 1.0120,
-18.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE2B6
RGB	204, 226, 182
RGB Percent	80%, 89%, 71%
CMY	0.2001, 0.1137, 0.2862
CMYK	0.10, 0.00, 0.19, 0.11
HSL	90°, 43%, 80%
HSV	90°, 19%, 89%
XYZ	60.5396, 70.6100, 54.6995
YIQ	214.4060, 1.0120, -18.3480

Conversions

Conversions Part 2

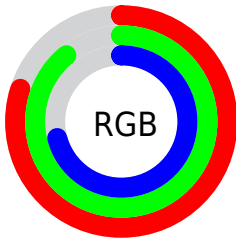
Format	Color
R _{YB}	182, 226, 204
Decimal	13427382
CIE _{Lab}	87.30, -15.04, 19.10
CIE _{LCh}	87, 24.313, 128.207
Yxy	70.6100, 0.3257, 0.3799
Android (android.graphics.Color)	4291617462 (0xFFCCE2B6)
YUV	214.4060, -15.9762, -9.1261
Hunter-Lab	84.0297, -18.4509, 20.2257

Details

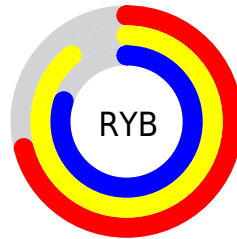
The YIQ color $214.4060, 1.0120, -18.3480$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $193.5940, -1.0120, 18.3480$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.0620, 5.4570, -5.2870$, and $159.9330, 0.9660, -17.5140$ is the 20% darker color. If you saturate the color by 10%, you get $208.4950, 1.8390, -27.8330$, and if you desaturate by 10%, it is $220.3170, 0.1850, -8.8630$.

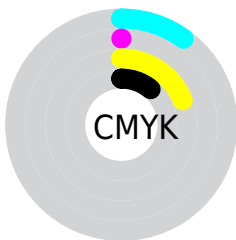
Distribution



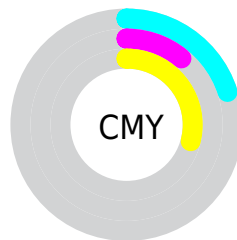
- Red (80%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.4060, 1.0120, -18.3480 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 214.4060, 1.0120, -18.3480 by changing the saturation by 10% instead.

■ 214.4060, 1.0120,
-18.3480

■ 214.4060, 1.0120,
-18.3480

255.0000, -0.0000,
-0.0000

■ 186.5200, 0.6910,
-18.0370

■ 253.0620, 5.4570,
-5.2870

■ 159.9330, 0.9660,
-17.5140

■ 133.1610, 0.3240,
-16.8920

■ 107.5740, 0.5990,
-16.3690

■ 83.6880, 0.2780,
-16.0580

■ 60.2150, 0.2320,
-15.2240

■ 38.3290, -0.0890,

-14.9130

■ 16.4470, -6.2330,
-13.6970

■ 0.0000, 0.0000,
0.0000

■ 214.4060, 1.0120,
-18.3480

■ 214.4060, 1.0120,
-18.3480

■ 208.4950, 1.8390,
-27.8330

■ 220.3170, 0.1850,
-8.8630

■ 202.3990, 1.7490,
-37.2190

■ 226.4130, 0.2750,
0.5230

■ 196.4880, 2.5760,
-46.7040

■ 232.3240, -0.5520,
10.0080

■ 190.6910, 3.0820,
-55.8780

■ 236.1830, 4.3990,
13.8950

■ 184.4810, 3.3130,
-65.5750

■ 237.9770, 7.9750,
15.1670

■ 178.5700, 4.1400,
-75.0600

■ 172.7730, 4.6460,
-84.2340

■ 166.5630, 4.8770,
-93.9310

■ 166.4490, 5.1980,
-94.2420

Harmonies

Analogous

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



217.0450, 21.3220, -11.9740



214.4060, 1.0120, -18.3480



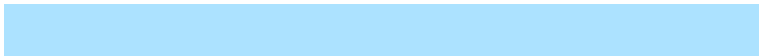
211.7330, -21.9580, -20.5660

Triad

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



214.4060, 1.0120, -18.3480



213.1600, -41.4930, -2.4290



219.1010, 28.0570, 14.6570

Complementary

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



214.4060, 1.0120, -18.3480



193.5940, -1.0120, 18.3480

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.



223.1850, 19.2530, 20.0290



214.4060, 1.0120, -18.3480



217.4230, -22.8800, 7.1680

Square

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



214.4060, 1.0120, -18.3480



209.6980, -49.2400, -10.7120



221.9960, -2.2040, 17.9240



218.3540, 34.2940, 6.2460

Rectangle

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



214.4060, 1.0120, -18.3480



210.1430, -34.7960, -19.1800



221.9960, -2.2040, 17.9240



220.6000, 25.2140, 16.6220

Sweetspot

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



214.4060, 1.0120, -18.3480



250.8980, 0.0470, -6.3610



208.0700, 20.1740, -2.1780



125.4790, -0.0910, -3.8590



0.0000, 0.0000, 0.0000



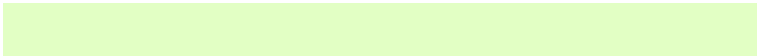
128.0000, -0.0000, -0.0000

Same Dimension

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



214.4060, 1.0120, -18.3480



239.6030, 1.6550, -24.4970



207.8280, -12.1000, -23.0120



109.2510, 0.5510, -4.4810



129.6240, 4.0480, -73.3920



35.3520, 1.1040, -20.0160

Inverse Universe

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



193.5940, -1.0120, 18.3480



211.6960, -1.0590, 24.7090



200.1720, 12.1000, 23.0120



104.0480, 0.0450, 4.6930



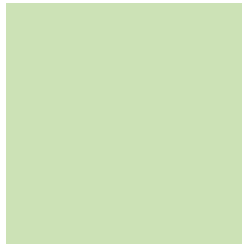
46.3760, -4.0480, 73.3920



12.6480, -1.1040, 20.0160

Previews

White Background



This preview shows how the YIQ color 214.4060, 1.0120, -18.3480 looks on a white background.

Color Contrast Check

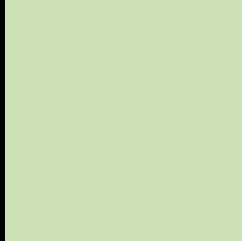
Large Text (above 18pt) WCAG AA × Fail

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 214.4060, 1.0120, -18.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

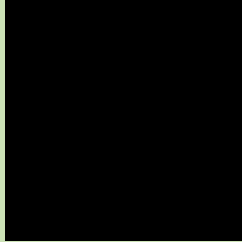
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.4060, 1.0120, -18.3480

Background



This preview shows how black text looks on a background with the YIQ color 214.4060, 1.0120, -18.3480.



This preview shows how white text looks on a background with the YIQ color 214.4060, 1.0120,

-18.3480.

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**

214.4060, 1.0120, -18.3480

Protanopia

217.3270, 20.5880, -9.6840

Deuteranopia

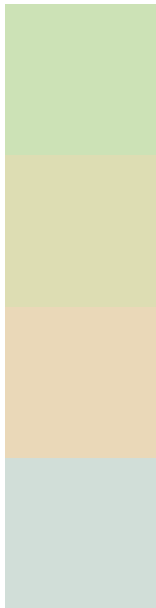
219.4090, 32.4610, 0.9170



Tritanopia

218.8450, -9.6290, 3.8030

Trichromacy



Original Color

214.4060, 1.0120, -18.3480

Protanomaly

216.2120, 13.4820, -13.0620

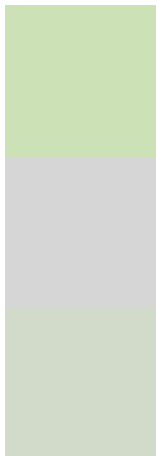
Deuteranomaly

217.7340, 21.0000, -6.1360

Tritanomaly

217.4290, -5.8220, -4.6220

Monochromacy



Original Color

214.4060, 1.0120, -18.3480

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.7840, 0.3680, -6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4060, 1.0120, -18.3480 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(204, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(204, 226, 182)  
}
```

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(204, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 226, 182) }
```

Border

The CSS property to change the border of an element to YIQ 214.4060, 1.0120, -18.3480 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(204, 226, 182) }
```


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

```
.border{ border-color:rgb(204, 226, 182) }
```

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

Here you see how a box with a 4 pixel rgb(204, 226, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(204, 226,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4060, 1.0120, -18.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 226, 182) }
```

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

```
.background{ background-color: rgb(204,  
226, 182) }
```

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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