

Converting Colors

YIQ(211.9030, 18.8460,
-11.1540)

Have a look what the booklet for
YIQ(211.9030, 18.8460, -11.1540)
contains.

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Color

**YIQ(211.9030, 18.8460,
-11.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD6AC
RGB	223, 214, 172
RGB Percent	87%, 84%, 67%
CMY	0.1255, 0.1608, 0.3254
CMYK	0.00, 0.04, 0.23, 0.13
HSL	49°, 44%, 77%
HSV	49°, 23%, 87%
XYZ	61.9257, 66.7586, 48.6654
YIQ	211.9030, 18.8460, -11.1540

Conversions

Conversions Part 2

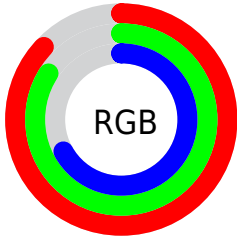
Format	Color
RYB	183, 223, 172
Decimal	14669484
CIELab	85.38, -3.53, 21.88
CIELCh	85, 22.165, 99.170
Yxy	66.7586, 0.3492, 0.3764
Android (android.graphics.Color)	4292859564 (0xFFDFD6AC)
YUV	211.9030, -19.6722, 9.7321
Hunter-Lab	81.7059, -7.6986, 21.8800

Details

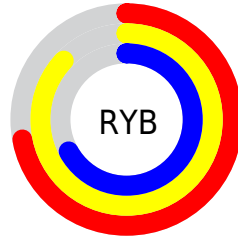
The YIQ color $211.9030, 18.8460, -11.1540$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $183.0970, -18.8460, 11.1540$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.9220, 8.6670, -8.3970$, and $156.9460, 17.2870, -10.4330$ is the 20% darker color. If you saturate the color by 10%, you get $207.0470, 27.0080, -15.9040$, and if you desaturate by 10%, it is $216.7590, 10.6840, -6.4040$.

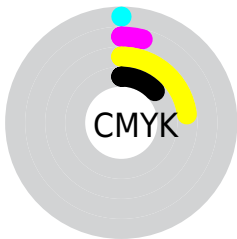
Distribution



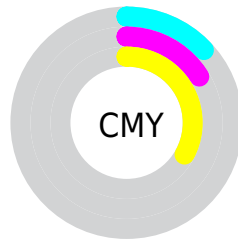
- Red (87%)
- Green (84%)
- Blue (67%)



- Red (72%)
- Yellow (87%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.9030, 18.8460, -11.1540 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 211.9030, 18.8460, -11.1540 by changing the saturation by 10% instead.

■ 211.9030, 18.8460,
-11.1540

■ 211.9030, 18.8460,
-11.1540

255.0000, -0.0000,
-0.0000

■ 184.0170, 18.5250,
-10.8430

■ 251.9220, 8.6670,
-8.3970

■ 156.9460, 17.2870,
-10.4330

■ 131.0600, 16.9660,
-10.1220

■ 105.8750, 16.0490,
-10.0230

■ 81.6900, 15.1320,
-9.9240

■ 58.5050, 14.2150,
-9.8250

■ 35.8640, 14.5820,

-10.9700

■ 16.8340, 6.0990,
-5.9090

■ 0.0000, 0.0000,
0.0000

■ 211.9030, 18.8460,
-11.1540

■ 211.9030, 18.8460,
-11.1540

■ 207.0470, 27.0080,
-15.9040

■ 216.7590, 10.6840,
-6.4040

■ 202.0770, 35.4910,
-20.9650

■ 221.7290, 2.2010,
-1.3430

■ 197.2210, 43.6530,
-25.7150

■ 226.5850, -5.9610,
3.4070

■ 192.3650, 51.8150,
-30.4650

■ 230.7570,
-12.1970, 6.2910

■ 187.5090, 59.9770,
-35.2150

■ 233.1050,
-13.2970, 4.1990

■ 182.5390, 68.4600,
-40.2760

■ 235.4530,
-14.3970, 2.1070

■ 177.6830, 76.6220,
-45.0260

■ 237.8010,
-15.4970, 0.0150

■ 174.6850, 82.3080,
-48.9560

■ 239.5620,
-16.3220, -1.5540

■ 241.9100,
-17.4220, -3.6460

Harmonies

Analogous

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



214.1160, 31.7280, -2.3200



211.9030, 18.8460, -11.1540



209.1610, 0.3240, -16.8920

Triad

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



211.9030, 18.8460, -11.1540



205.9760, -44.1510, -9.3270



217.0600, 18.1070, 18.7710

Complementary

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



211.9030, 18.8460, -11.1540



183.0970, -18.8460, 11.1540

Split Complementary

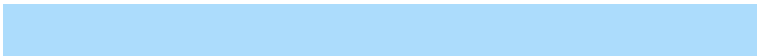
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.2410, -1.5160, 16.4680



211.9030, 18.8460, -11.1540



209.2960, -38.8800, -0.2240

Square

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



211.9030, 18.8460, -11.1540



205.4680, -37.0890, -16.1690



213.1890, -22.1010, 9.5710



216.7700, 30.4870, 14.6710

Rectangle

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



211.9030, 18.8460, -11.1540



207.6910, -12.9720, -18.2200



213.1890, -22.1010, 9.5710



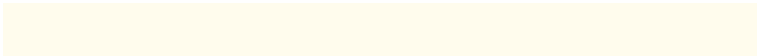
217.1240, 12.0550, 18.3190

Sweetspot

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



211.9030, 18.8460, -11.1540



251.1870, 6.6030, -4.0290



188.2750, 27.5070, 13.6110



125.5720, 4.0810, -2.3750



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.



211.9030, 18.8460, -11.1540



240.0900, 25.4490, -15.1830



212.4020, 6.8350, -19.2530



109.5720, 4.0810, -2.3750



137.7390, 65.0210, -38.5230



37.8320, 17.6080, -10.7440

Inverse Universe

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



183.0970, -18.8460, 11.1540



200.9100, -25.4490, 15.1830



182.5980, -6.8350, 19.2530



103.4280, -4.0810, 2.3750



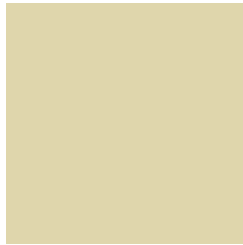
38.2610, -65.0210, 38.5230



10.7550, -17.8830, 10.2210

Previews

White Background



This preview shows how the YIQ color 211.9030, 18.8460, -11.1540 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 211.9030, 18.8460, -11.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

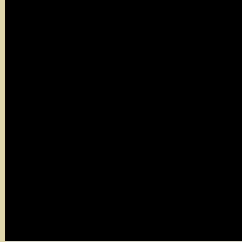
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

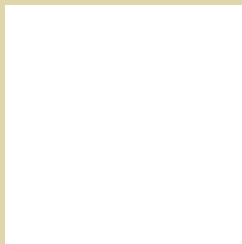
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.9030, 18.8460, -11.1540

Background



This preview shows how black text looks on a background with the YIQ color 211.9030, 18.8460, -11.1540.



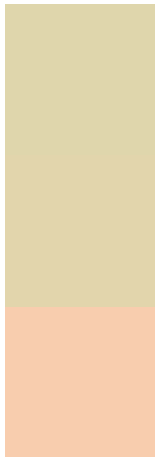
This preview shows how white text looks on a background with the YIQ color 211.9030, 18.8460,

-11.1540.

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

211.9030, 18.8460, -11.1540

Protanopia

212.2130, 20.9090, -9.9950

Deuteranopia

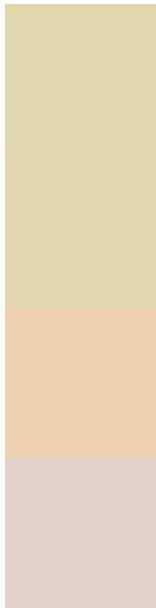
214.3230, 35.5790, -0.5250



Tritanopia

215.7010, 8.5720, 9.8520

Trichromacy



Original Color

211.9030, 18.8460, -11.1540

Protanomaly

211.9140, 20.3130, -10.2070

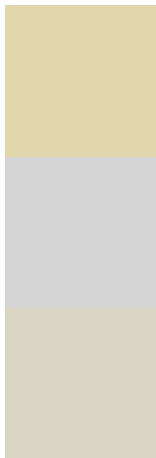
Deuteranomaly

213.2790, 29.7110, -4.3130

Tritanomaly

214.3990, 12.0580, 1.7380

Monochromacy



Original Color

211.9030, 18.8460, -11.1540

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.9030, 18.8460, -11.1540 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, 214, 172)` looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 172)  
}
```

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, 214, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 172) }
```

Border

The CSS property to change the border of an element to YIQ 211.9030, 18.8460, -11.1540 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, 214, 172) }
```


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

```
.border{ border-color:rgb(223, 214, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 214, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 172);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 211.9030, 18.8460, -11.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 172) }
```

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

```
.background{ background-color: rgb(223,  
214, 172) }
```

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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