

Converting Colors

YIQ(211.3760, 18.8920,
-11.9880)

Have a look what the booklet for
YIQ(211.3760, 18.8920, -11.9880)
contains.

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Color

**YIQ(211.3760, 18.8920,
-11.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	DED6AA
RGB	222, 214, 170
RGB Percent	87%, 84%, 67%
CMY	0.1294, 0.1608, 0.3332
CMYK	0.00, 0.04, 0.23, 0.13
HSL	51°, 44%, 77%
HSV	51°, 23%, 87%
XYZ	61.4276, 66.5240, 47.6468
YIQ	211.3760, 18.8920, -11.9880

Conversions

Conversions Part 2

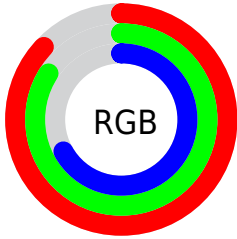
Format	Color
RYB	179, 222, 170
Decimal	14603946
CIELab	85.26, -4.19, 22.75
CIELCh	85, 23.132, 100.424
Yxy	66.5240, 0.3498, 0.3788
Android (android.graphics.Color)	4292794026 (0xFFDED6AA)
YUV	211.3760, -20.3984, 9.3172
Hunter-Lab	81.5622, -8.2989, 22.4577

Details

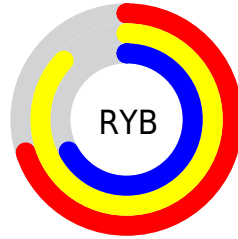
The YIQ color **211.3760, 18.8920, -11.9880** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180.6240, -18.8920, 11.9880**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.5800, 9.6300, -9.3300**, and **156.4190, 17.3330, -11.2670** is the 20% darker color. If you saturate the color by 10%, you get **207.1070, 26.7790, -17.2610**, and if you desaturate by 10%, it is **215.6450, 11.0050, -6.7150**.

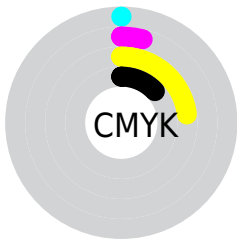
Distribution



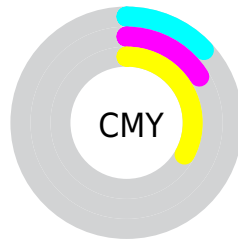
- Red (87%)
- Green (84%)
- Blue (67%)



- Red (70%)
- 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 211.3760, 18.8920, -11.9880 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 211.3760, 18.8920, -11.9880 by changing the saturation by 10% instead.

■ 211.3760, 18.8920,
-11.9880

■ 211.3760, 18.8920,
-11.9880

255.0000, -0.0000,
-0.0000

■ 183.4900, 18.5710,
-11.6770

■ 251.5800, 9.6300,
-9.3300

■ 156.4190, 17.3330,
-11.2670

254.8860, 0.3210,
-0.3110

■ 130.5330, 17.0120,
-10.9560

■ 105.3480, 16.0950,
-10.8570

■ 81.1630, 15.1780,
-10.7580

■ 57.9780, 14.2610,
-10.6590

■ 35.4510, 14.3070,

-11.4930

■ 16.2360, 4.9070,
-6.3330

■ 0.0000, 0.0000,
0.0000

■ 211.3760, 18.8920,
-11.9880

■ 211.3760, 18.8920,
-11.9880

■ 207.1070, 26.7790,
-17.2610

■ 215.6450, 11.0050,
-6.7150

■ 202.2510, 34.9410,
-22.0110

■ 220.5010, 2.8430,
-1.9650

■ 197.8680, 43.1490,
-27.5950

■ 224.8840, -5.3650,
3.6190

■ 193.0120, 51.3110,
-32.3450

■ 229.2840,
-12.2430, 7.1250

■ 188.7430, 59.1980,
-37.6180

■ 231.0450,
-13.0680, 5.5560

■ 184.4740, 67.0850,
-42.8910

■ 232.8060,
-13.8930, 3.9870

■ 179.6180, 75.2470,
-47.6410

■ 235.1540,
-14.9930, 1.8950

■ 176.7340, 80.6120,
-51.2600

■ 236.9150,
-15.8180, 0.3260

■ 239.2630,
-16.9180, -1.7660

Harmonies

Analogous

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



213.7740, 32.6910, -3.2530



211.3760, 18.8920, -11.9880



208.4490, -0.5470, -17.6270

Triad

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



211.3760, 18.8920, -11.9880



205.3070, -46.5810, -9.3410



216.9570, 19.8950, 19.4070

Complementary

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



211.3760, 18.8920, -11.9880



180.6240, -18.8920, 11.9880

Split Complementary

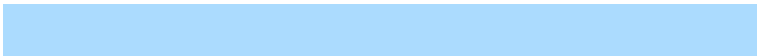
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.9530, -0.6450, 17.2030



211.3760, 18.8920, -11.9880



208.6380, -39.8430, 0.7090

Square

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



211.3760, 18.8920, -11.9880



204.3860, -39.7940, -16.7060



212.7160, -22.1470, 10.4050



215.9550, 31.4040, 14.5720

Rectangle

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



211.3760, 18.8920, -11.9880



206.7940, -14.7600, -18.8560



212.7160, -22.1470, 10.4050



217.1350, 13.5220, 19.2660

Sweetspot

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



211.3760, 18.8920, -11.9880



251.1870, 6.6030, -4.0290



186.5740, 28.1030, 13.8230



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.



211.3760, 18.8920, -11.9880



240.4490, 25.8160, -16.3280



210.9890, 6.5600, -19.7760



109.5720, 4.0810, -2.3750



140.0870, 63.9210, -40.6150



38.4190, 17.3330, -11.2670

Inverse Universe

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



180.6240, -18.8920, 11.9880



198.5510, -25.8160, 16.3280



181.0110, -6.5600, 19.7760



103.4280, -4.0810, 2.3750



35.9130, -63.9210, 40.6150



9.5810, -17.3330, 11.2670

Previews

White Background



This preview shows how the YIQ color 211.3760, 18.8920, -11.9880 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 211.3760, 18.8920, -11.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

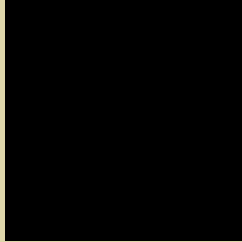
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

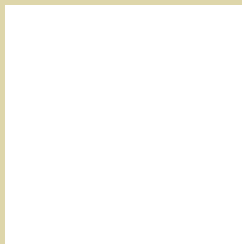
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.3760, 18.8920, -11.9880

Background



This preview shows how black text looks on a background with the YIQ color 211.3760, 18.8920, -11.9880.



This preview shows how white text looks on a background with the YIQ color 211.3760, 18.8920, -11.9880.

-11.9880.

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

211.3760, 18.8920, -11.9880

Protanopia

211.8710, 21.8720, -10.9280

Deuteranopia

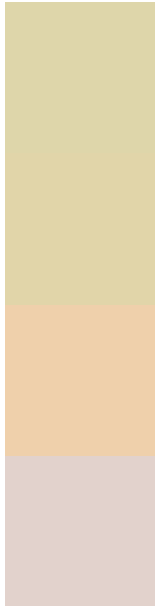
214.0950, 36.2210, -1.1470



Tritanopia

215.4020, 7.9760, 9.6400

Trichromacy



Original Color

211.3760, 18.8920, -11.9880

Protanomaly

211.5720, 21.2760, -11.1400

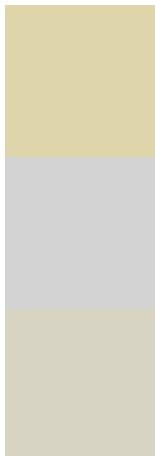
Deuteranomaly

213.0510, 30.3530, -4.9350

Tritanomaly

214.1000, 11.4620, 1.5260

Monochromacy



Original Color

211.3760, 18.8920, -11.9880

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.3760, 18.8920, -11.9880 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(222, 214, 170)` looks like.

```
.text, #text, p{  
    color:rgb(222, 214, 170)  
}
```

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(222, 214, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 214, 170) }
```

Border

The CSS property to change the border of an element to YIQ 211.3760, 18.8920, -11.9880 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(222, 214, 170) }
```


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

```
.border{ border-color:rgb(222, 214, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 214, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 214, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 214, 170);  
box-shadow:4px 4px 4px 4px rgb(222, 214,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 211.3760, 18.8920, -11.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 214, 170) }
```

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

```
.background{ background-color: rgb(222,  
214, 170) }
```

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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