

Converting Colors

YIQ(211.5130, 19.7640,
-16.7800)

Have a look what the booklet for
YIQ(211.5130, 19.7640, -16.7800)
contains.

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Color

**YIQ(211.5130, 19.7640,
-16.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD9A1
RGB	220, 217, 161
RGB Percent	86%, 85%, 63%
CMY	0.1373, 0.1490, 0.3685
CMYK	0.00, 0.01, 0.27, 0.14
HSL	57°, 46%, 75%
HSV	57°, 27%, 86%
XYZ	60.7613, 67.4138, 43.5423
YIQ	211.5130, 19.7640, -16.7800

Conversions

Conversions Part 2

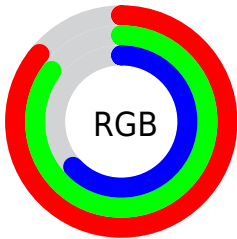
Format	Color
RYB	164, 220, 161
Decimal	14473633
CIELab	85.71, -7.69, 28.02
CIELCh	86, 29.054, 105.351
Yxy	67.4138, 0.3538, 0.3926
Android (android.graphics.Color)	4292663713 (0xFFD9A1)
YUV	211.5130, -24.9029, 7.4431
Hunter-Lab	82.1059, -11.5890, 26.0316

Details

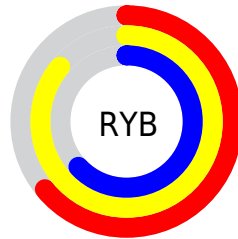
The YIQ color **211.5130, 19.7640, -16.7800** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169.4870, -19.7640, 16.7800**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.5540, 12.5190, -12.1290**, and **156.5560, 18.2050, -16.0590** is the 20% darker color. If you saturate the color by 10%, you get **208.4180, 27.1010, -23.0990**, and if you desaturate by 10%, it is **214.6080, 12.4270, -10.4610**.

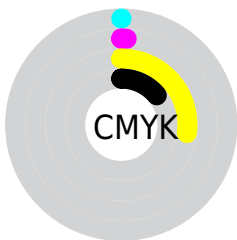
Distribution



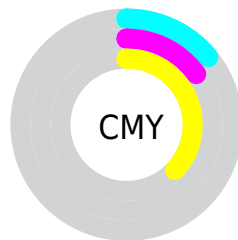
- Red (86%)
- Green (85%)
- Blue (63%)



- Red (64%)
- Yellow (86%)
- Blue (63%)



- Cyan (0%)
- Magenta (1%)
- Yellow (27%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.5130, 19.7640, -16.7800 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 211.5130, 19.7640, -16.7800 by changing the saturation by 10% instead.

■ 211.5130, 19.7640,
-16.7800

■ 211.5130, 19.7640,
-16.7800

■ 255.0000, -0.0000,
-0.0000

■ 183.7410, 19.1220,
-16.1580

■ 250.5540, 12.5190,
-12.1290

■ 156.5560, 18.2050,
-16.0590

■ 253.8600, 3.2100,
-3.1100

■ 130.6700, 17.8840,
-15.7480

■ 105.4850, 16.9670,
-15.6490

■ 80.5280, 15.4080,
-14.9280

■ 57.2290, 14.8120,
-15.1400

■ 36.0270, 12.5650,

-12.9630

■ 16.5020, 1.1020,
-8.9620

■ 0.0000, 0.0000,
0.0000

■ 211.5130, 19.7640,
-16.7800

■ 211.5130, 19.7640,
-16.7800

■ 208.4180, 27.1010,
-23.0990

■ 214.6080, 12.4270,
-10.4610

■ 205.3230, 34.4380,
-29.4180

■ 217.7030, 5.0900,
-4.1420

■ 202.2280, 41.7750,
-35.7370

■ 220.7980, -2.2470,
2.1770

■ 199.1330, 49.1120,
-42.0560

■ 223.8930, -9.5840,
8.4960

■ 195.4510, 56.7240,
-47.8520

■ 225.7510,
-12.0600, 9.3160

■ 192.3560, 64.0610,
-54.1710

■ 226.3380,
-12.3350, 8.7930

■ 189.2610, 71.3980,
-60.4900

■ 226.9250,
-12.6100, 8.2700

■ 188.4630, 73.6450,
-62.6670

■ 227.5120,
-12.8850, 7.7470

■ 228.0990,
-13.1600, 7.2240

Harmonies

Analogous

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



214.4170, 38.0100, -6.0380



211.5130, 19.7640, -16.7800



207.9490, -5.1310, -22.6590

Triad

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



211.5130, 19.7640, -16.7800



202.9400, -61.6650, -11.3050



217.4030, 24.5710, 22.7710

Complementary

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



211.5130, 19.7640, -16.7800



169.4870, -19.7640, 16.7800

Split Complementary

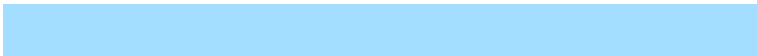
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.5670, 3.6180, 22.5460



211.5130, 19.7640, -16.7800



207.5340, -45.4820, -1.7220

Square

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



211.5130, 19.7640, -16.7800



201.9650, -54.7860, -20.3380



213.3140, -20.9550, 10.8290



213.6240, 33.8340, 14.5860

Rectangle

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



211.5130, 19.7640, -16.7800



205.8420, -23.8830, -24.2270



213.3140, -20.9550, 10.8290



219.3040, 20.5360, 24.3120

Sweetspot

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



211.5130, 19.7640, -16.7800



252.1330, 6.6950, -5.6970



179.0970, 33.8800, 13.7520



125.9310, 4.4480, -3.5200



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.



211.5130, 19.7640, -16.7800



243.3040, 27.4220, -23.4100



205.5000, 3.4430, -23.8610



108.1590, 3.8060, -2.8980



148.5820, 57.7330, -49.6190



39.5820, 15.3160, -13.2600

Inverse Universe

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



169.4870, -19.7640, 16.7800



185.2830, -27.6970, 22.8870



175.5000, -3.4430, 23.8610



100.2540, -3.5310, 3.4210



25.0050, -58.0080, 49.0960



6.4180, -15.3160, 13.2600

Previews

White Background



This preview shows how the YIQ color 211.5130, 19.7640, -16.7800 looks on a white background.

Color Contrast Check

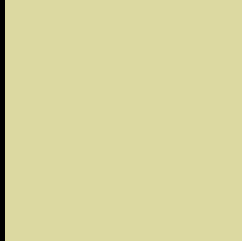
Large Text (above 18pt) WCAG AA × Fail

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 211.5130, 19.7640, -16.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

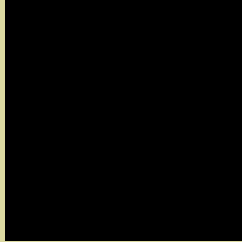
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.5130, 19.7640, -16.7800

Background



This preview shows how black text looks on a background with the YIQ color 211.5130, 19.7640, -16.7800.



This preview shows how white text looks on a background with the YIQ color 211.5130, 19.7640, -16.7800.

-16.7800.

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

211.5130, 19.7640, -16.7800

Protanopia

212.6280, 26.8700, -13.4020

Deuteranopia

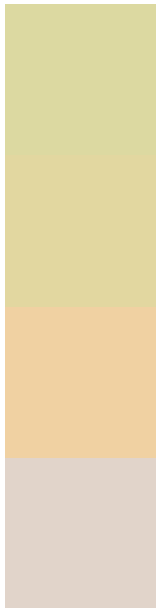
214.2650, 41.4940, -3.0980



Tritanopia

216.5050, 6.1880, 9.0040

Trichromacy



Original Color

211.5130, 19.7640, -16.7800

Protanomaly

212.0190, 24.2110, -14.7730

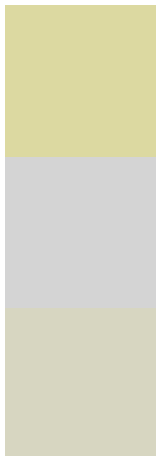
Deuteranomaly

212.9110, 33.5630, -8.0450

Tritanomaly

214.7470, 10.9580, -0.3540

Monochromacy



Original Color

211.5130, 19.7640, -16.7800

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.9050, 7.3370, -6.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.5130, 19.7640, -16.7800 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(220, 217, 161)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 161)  
}
```

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(220, 217, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 161) }
```

Border

The CSS property to change the border of an element to YIQ 211.5130, 19.7640, -16.7800 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(220, 217, 161) }
```


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

```
.border{ border-color:rgb(220, 217, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 217, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 161);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 211.5130, 19.7640, -16.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 161) }
```

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

```
.background{ background-color: rgb(220,  
217, 161) }
```

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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