

Converting Colors

YIQ(215.6980, 3.4860, -8.1140)

Have a look what the booklet for
YIQ(215.6980, 3.4860, -8.1140)
contains.

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Color

**YIQ(215.6980, 3.4860,
-8.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DCC6
RGB	214, 220, 198
RGB Percent	84%, 86%, 78%
CMY	0.1608, 0.1372, 0.2235
CMYK	0.03, 0.00, 0.10, 0.14
HSL	76°, 24%, 82%
HSV	76°, 10%, 86%
XYZ	63.5173, 69.5603, 63.5096
YIQ	215.6980, 3.4860, -8.1140

Conversions

Conversions Part 2

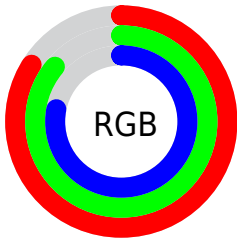
Format	Color
RYB	198, 220, 204
Decimal	14081222
CIELab	86.78, -5.88, 10.10
CIELCh	87, 11.690, 120.199
Yxy	69.5603, 0.3231, 0.3538
Android (android.graphics.Color)	4292271302 (0xFFD6DCC6)
YUV	215.6980, -8.7251, -1.4891
Hunter-Lab	83.4028, -10.0144, 13.2338

Details

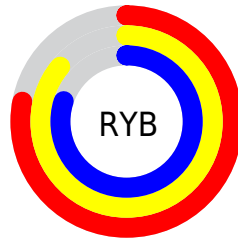
The YIQ color $215.6980, 3.4860, -8.1140$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.3020, -3.4860, 8.1140$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.8120, 3.1650, -7.8030$ is the 20% darker color. If you saturate the color by 10%, you get $211.3960, 6.9720, -16.2280$, and if you desaturate by 10%, it is $220.0000, 0.0000, 0.0000$.

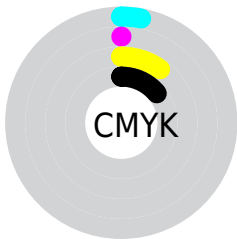
Distribution



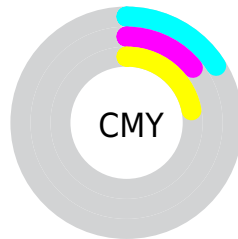
- Red (84%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.6980, 3.4860, -8.1140 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 215.6980, 3.4860, -8.1140 by changing the saturation by 10% instead.

■ 215.6980, 3.4860,
-8.1140

■ 215.6980, 3.4860,
-8.1140

255.0000, -0.0000,
-0.0000

■ 187.8120, 3.1650,
-7.8030

■ 160.8120, 3.1650,
-7.8030

■ 134.9260, 2.8440,
-7.4920

■ 109.3390, 3.1190,
-6.9690

■ 85.0400, 2.5230,
-7.1810

■ 61.5670, 2.4770,
-6.3470

■ 39.6810, 2.1560,

-6.0360

■ 19.1820, 4.9990,
-8.0010

■ 0.0000, 0.0000,
0.0000

■ 215.6980, 3.4860,
-8.1140

■ 215.6980, 3.4860,
-8.1140

■ 211.3960, 6.9720,
-16.2280

■ 220.0000, 0.0000,
0.0000

■ 207.0940, 10.4580,
-24.3420

■ 224.3020, -3.4860,
8.1140

■ 202.7920, 13.9440,
-32.4560

■ 227.5780, -4.0830,
13.4290

■ 198.4900, 17.4300,
-40.5700

■ 229.3720, -0.5070,
14.7010

■ 194.1880, 20.9160,
-48.6840

■ 231.1660, 3.0690,
15.9730

■ 189.8860, 24.4020,
-56.7980

■ 232.9600, 6.6450,
17.2450

■ 185.5840, 27.8880,
-64.9120

■ 234.4550, 9.6250,
18.3050

■ 181.2820, 31.3740,
-73.0260

■ 176.9800, 34.8600,
-81.1400

Harmonies

Analogous

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



216.8950, 13.2970, -4.1990



215.6980, 3.4860, -8.1140



214.7830, -7.0590, -9.7390

Triad

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



215.6980, 3.4860, -8.1140



214.9360, -20.3110, -0.8470



219.8820, 15.3120, 8.8480

Complementary

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



215.6980, 3.4860, -8.1140



202.3020, -3.4860, 8.1140

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.



219.2170, 7.0590, 9.7390



215.6980, 3.4860, -8.1140



216.8060, -13.8930, 3.9870

Square

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



215.6980, 3.4860, -8.1140



214.2900, -21.5480, -5.9640



218.3020, -3.4860, 8.1140



218.9270, 19.4390, 5.6390

Rectangle

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



215.6980, 3.4860, -8.1140



214.0750, -13.7530, -9.5690



218.3020, -3.4860, 8.1140



219.6260, 13.1570, 9.3570

Sweetspot

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



215.6980, 3.4860, -8.1140



253.4900, 1.3760, -2.9120



208.1000, 11.4620, 1.5260



126.7180, 0.7340, -2.2900



0.0000, 0.0000, 0.0000



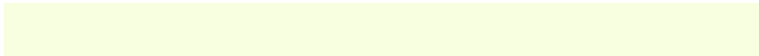
128.0000, -0.0000, -0.0000

Same Dimension

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



215.6980, 3.4860, -8.1140



249.0740, 5.1830, -11.3370



212.4090, -3.0700, -10.4460



107.8490, 1.7430, -4.0570



139.2250, 27.5210, -63.7670



36.8690, 7.0180, -17.0620

Inverse Universe

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



202.3020, -3.4860, 8.1140



230.2250, -4.5870, 11.5490



205.5910, 3.0700, 10.4460



101.1510, -1.7430, 4.0570



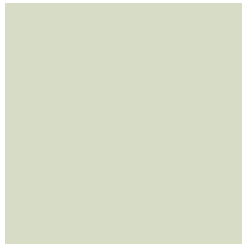
33.7750, -27.5210, 63.7670



9.1310, -7.0180, 17.0620

Previews

White Background



This preview shows how the YIQ color 215.6980, 3.4860, -8.1140 looks on a white background.

Color Contrast Check

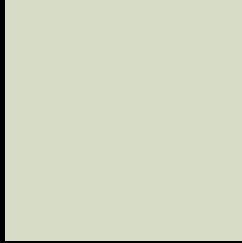
Large Text (above 18pt) WCAG AA × Fail

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 215.6980, 3.4860, -8.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

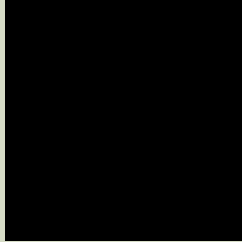
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

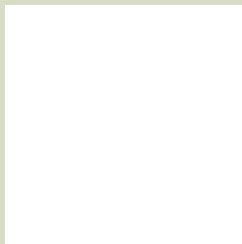
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.6980, 3.4860, -8.1140

Background



This preview shows how black text looks on a background with the YIQ color 215.6980, 3.4860, -8.1140.



This preview shows how white text looks on a background with the YIQ color 215.6980, 3.4860,

-8.1140.

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

215.6980, 3.4860, -8.1140

Protanopia

216.7100, 12.3800, -4.1000

Deuteranopia

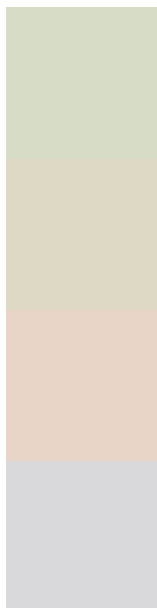
218.4390, 23.7490, 4.6210



Tritanopia

218.1340, -3.0730, 6.1350

Trichromacy



Original Color

215.6980, 3.4860, -8.1140

Protanomaly

216.2150, 9.4000, -5.1600

Deuteranomaly

217.3840, 16.4140, -0.1140

Tritanomaly

217.3420, -0.9630, 0.9330

Monochromacy



Original Color

215.6980, 3.4860, -8.1140

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.4900, 1.3760, -2.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.6980, 3.4860, -8.1140 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(214, 220, 198)` looks like.

```
.text, #text, p{  
    color:rgb(214, 220, 198)  
}
```

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(214, 220, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 220, 198) }
```

Border

The CSS property to change the border of an element to YIQ 215.6980, 3.4860, -8.1140 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(214, 220, 198) }
```


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

```
.border{ border-color:rgb(214, 220, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 220, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 220, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 220, 198); box-shadow:4px 4px 4px 4px rgb(214, 220, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 215.6980, 3.4860, -8.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 220, 198) }
```

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

```
.background{ background-color: rgb(214,  
220, 198) }
```

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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