

Converting Colors

YIQ(215.0880, 2.5680, -2.4880)

Have a look what the booklet for
YIQ(215.0880, 2.5680, -2.4880)
contains.

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Color

**YIQ(215.0880, 2.5680,
-2.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D8D0
RGB	216, 216, 208
RGB Percent	85%, 85%, 82%
CMY	0.1529, 0.1529, 0.1843
CMYK	0.00, 0.00, 0.04, 0.15
HSL	60°, 9%, 83%
HSV	60°, 4%, 85%
XYZ	64.2601, 68.2647, 69.4667
YIQ	215.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

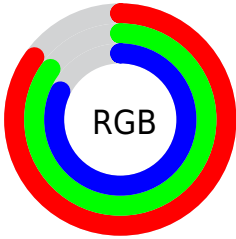
Format	Color
R_{YB}	208, 216, 208
Decimal	14211280
CIE Lab	86.14, -1.41, 3.93
CIE LCh	86, 4.174, 109.814
Yxy	68.2647, 0.3181, 0.3380
Android (android.graphics.Color)	4292401360 (0xFFD8D8D0)
YUV	215.0880, -3.4944, 0.7998
Hunter-Lab	82.6225, -5.7600, 7.9863

Details

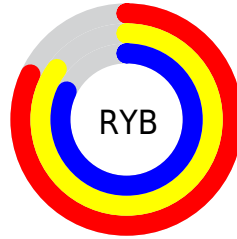
The YIQ color **215.0880, 2.5680, -2.4880** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208.9120, -2.5680, 2.4880**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.2020, 2.2470, -2.1770** is the 20% darker color. If you saturate the color by 10%, you get **212.5800, 9.6300, -9.3300**, and if you desaturate by 10%, it is **217.5960, -4.4940, 4.3540**.

Distribution



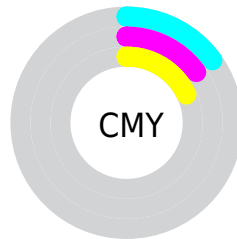
- Red (85%)
- Green (85%)
- Blue (82%)



- Red (82%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.0880, 2.5680, -2.4880 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 215.0880, 2.5680, -2.4880 by changing the saturation by 10% instead.

■ 215.0880, 2.5680,
-2.4880

■ 215.0880, 2.5680,
-2.4880

255.0000, -0.0000,
-0.0000

■ 187.0880, 2.5680,
-2.4880

■ 160.2020, 2.2470,
-2.1770

■ 134.2020, 2.2470,
-2.1770

■ 109.2020, 2.2470,
-2.1770

■ 84.3160, 1.9260,
-1.8660

■ 61.3160, 1.9260,
-1.8660

■ 39.3160, 1.9260,

-1.8660

■ 19.2020, 2.2470,
-2.1770

■ 0.0000, 0.0000,
0.0000

■ 215.0880, 2.5680,
-2.4880

■ 215.0880, 2.5680,
-2.4880

■ 212.5800, 9.6300,
-9.3300

■ 217.5960, -4.4940,
4.3540

■ 210.1860, 16.3710,
-15.8610

■ 219.9900,
-11.2350, 10.8850

■ 207.6780, 23.4330,
-22.7030

■ 220.4460,
-12.5190, 12.1290

■ 205.2840, 30.1740,
-29.2340

■ 202.7760, 37.2360,
-36.0760

■ 200.2680, 44.2980,
-42.9180

■ 197.8740, 51.0390,
-49.4490

■ 195.3660, 58.1010,
-56.2910

■ 192.9720, 64.8420,
-62.8220

Harmonies

Analogous

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



215.6970, 5.2270, -1.1170



215.0880, 2.5680, -2.4880



214.4080, -1.3290, -3.4490

Triad

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



215.0880, 2.5680, -2.4880



214.4660, -7.2440, -0.8760



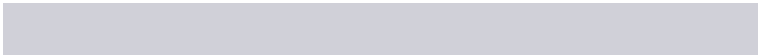
216.4460, 4.6760, 3.3640

Complementary

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



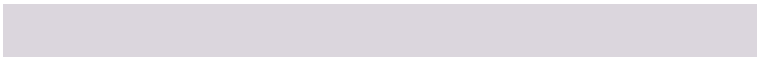
215.0880, 2.5680, -2.4880



208.9120, -2.5680, 2.4880

Split Complementary

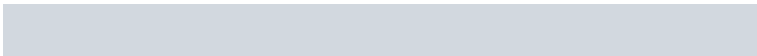
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.2930, 0.7330, 3.2370



215.0880, 2.5680, -2.4880



215.0040, -5.8230, 0.9050

Square

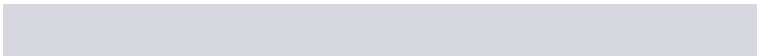
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.0880, 2.5680, -2.4880



214.4120, -7.1520, -2.5440



215.9120, -2.5680, 2.4880



216.2890, 6.5560, 2.3320

Rectangle

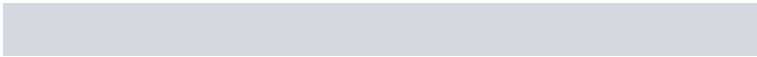
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.0880, 2.5680, -2.4880



214.7390, -3.7590, -3.4630



215.9120, -2.5680, 2.4880



216.2610, 3.7590, 3.4630

Sweetspot

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



215.0880, 2.5680, -2.4880



254.6580, 0.9630, -0.9330



210.3920, 4.7680, 1.6960



127.4730, 0.0460, -0.8340



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.



215.0880, 2.5680, -2.4880



253.8600, 3.2100, -3.1100



213.8920, 0.1840, -3.3360



106.4300, 1.6050, -1.5550



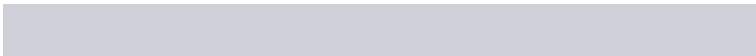
151.5060, 54.8910, -53.1810



38.0980, 13.8030, -13.3730

Inverse Universe

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



208.9120, -2.5680, 2.4880



246.1400, -3.2100, 3.1100



210.1080, -0.1840, 3.3360



102.5700, -1.6050, 1.5550



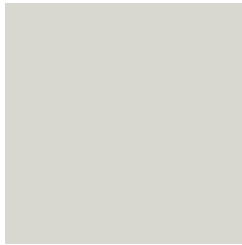
19.4940, -54.8910, 53.1810



4.9020, -13.8030, 13.3730

Previews

White Background



This preview shows how the YIQ color 215.0880, 2.5680, -2.4880 looks on a white background.

Color Contrast Check

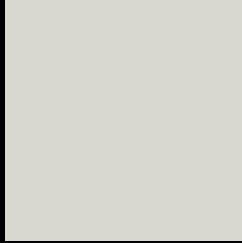
Large Text (above 18pt) WCAG AA × Fail

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 215.0880, 2.5680, -2.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

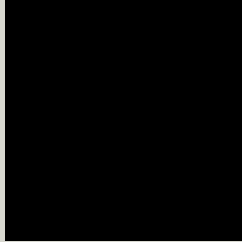
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

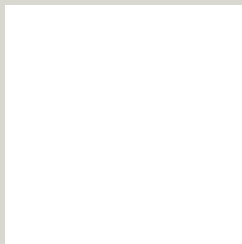
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.0880, 2.5680, -2.4880

Background



This preview shows how black text looks on a background with the YIQ color 215.0880, 2.5680, -2.4880.



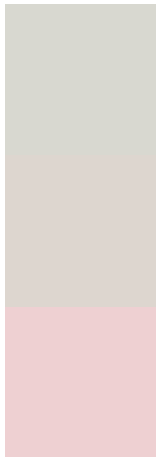
This preview shows how white text looks on a background with the YIQ color 215.0880, 2.5680, -2.4880.

-2.4880.

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

215.0880, 2.5680, -2.4880

Protanopia

215.2950, 6.4190, -0.6930

Deuteranopia

217.1980, 17.2380, 6.9820



Tritanopia

216.7320, -1.8810, 6.5590

Trichromacy



Original Color

215.0880, 2.5680, -2.4880

Protanomaly

215.2840, 4.9520, -1.6400

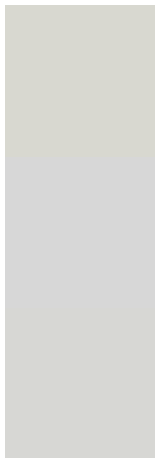
Deuteranomaly

216.4530, 11.9660, 3.4060

Tritanomaly

216.1080, -0.1840, 3.3360

Monochromacy



Original Color

215.0880, 2.5680, -2.4880

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.6580, 0.9630, -0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0880, 2.5680, -2.4880 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(216, 216, 208)` looks like.

```
.text, #text, p{  
    color:rgb(216, 216, 208)  
}
```

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(216, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 216, 208) }
```

Border

The CSS property to change the border of an element to YIQ 215.0880, 2.5680, -2.4880 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(216, 216, 208) }
```


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

```
.border{ border-color:rgb(216, 216, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(216, 216,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0880, 2.5680, -2.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 216, 208) }
```

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

```
.background{ background-color: rgb(216,  
216, 208) }
```

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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