

Converting Colors

YIQ(215.9910, 4.2190, -4.8770)

Have a look what the booklet for
YIQ(215.9910, 4.2190, -4.8770)
contains.

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Color

**YIQ(215.9910, 4.2190,
-4.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DACB
RGB	217, 218, 203
RGB Percent	85%, 85%, 80%
CMY	0.1490, 0.1451, 0.2039
CMYK	0.00, 0.00, 0.07, 0.15
HSL	64°, 17%, 83%
HSV	64°, 7%, 85%
XYZ	64.4662, 69.2064, 66.4649
YIQ	215.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

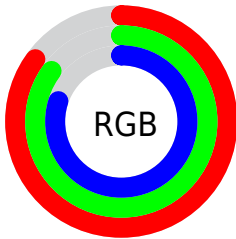
Format	Color
R _Y B	203, 218, 204
Decimal	14277323
CIE Lab	86.61, -2.96, 7.25
CIE LCh	87, 7.831, 112.218
Yxy	69.2064, 0.3221, 0.3458
Android (android.graphics.Color)	4292467403 (0xFFD9DACB)
YUV	215.9910, -6.4046, 0.8849
Hunter-Lab	83.1904, -7.2592, 10.8636

Details

The YIQ color **215.9910, 4.2190, -4.8770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.0090, -4.2190, 4.8770**, 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 **161.1050, 3.8980, -4.5660** is the 20% darker color. If you saturate the color by 10%, you get **213.1840, 10.6850, -11.9310**, and if you desaturate by 10%, it is **218.7980, -2.2470, 2.1770**.

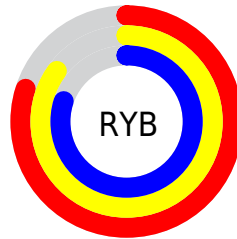
Distribution



Red (85%)

Green (85%)

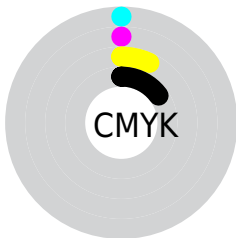
Blue (80%)



Red (80%)

Yellow (85%)

Blue (80%)

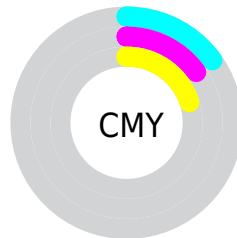


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9910, 4.2190, -4.8770 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 215.9910, 4.2190, -4.8770 by changing the saturation by 10% instead.

■ 215.9910, 4.2190,
-4.8770

■ 215.9910, 4.2190,
-4.8770

255.0000, -0.0000,
-0.0000

■ 188.1050, 3.8980,
-4.5660

■ 161.1050, 3.8980,
-4.5660

■ 135.1050, 3.8980,
-4.5660

■ 110.1050, 3.8980,
-4.5660

■ 85.2190, 3.5770,
-4.2550

■ 62.3330, 3.2560,
-3.9440

■ 40.4470, 2.9350,

-3.6330

■ 19.8770, 4.5400,
-5.1880

■ 0.0000, 0.0000,
0.0000

■ 215.9910, 4.2190,
-4.8770

■ 215.9910, 4.2190,
-4.8770

■ 213.1840, 10.6850,
-11.9310

■ 218.7980, -2.2470,
2.1770

■ 210.0780, 16.5550,
-19.1970

■ 221.9040, -8.1170,
9.4430

■ 207.3850, 22.7000,
-25.9400

■ 223.1150,
-10.0890, 12.1430

■ 204.2790, 28.5700,
-33.2060

■ 223.7130, -8.8970,
12.5670

■ 201.4720, 35.0360,
-40.2600

■ 224.0120, -8.3010,
12.7790

■ 198.3660, 40.9060,
-47.5260

■ 224.6100, -7.1090,
13.2030

■ 195.5590, 47.3720,
-54.5800

■ 224.9090, -6.5130,
13.4150

■ 192.5670, 52.9210,
-61.5350

■ 225.5070, -5.3210,
13.8390

■ 189.7600, 59.3870,
-68.5890

■ 225.8060, -4.7250,
14.0510

Harmonies

Analogous

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



217.0950, 9.8580, -2.4460



215.9910, 4.2190, -4.8770



215.0440, -3.3000, -6.2760

Triad

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



215.9910, 4.2190, -4.8770



215.2310, -13.8920, -1.5400



218.4790, 9.0770, 6.2050

Complementary

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



215.9910, 4.2190, -4.8770



205.0090, -4.2190, 4.8770

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.



218.0700, 2.9790, 6.5870



215.9910, 4.2190, -4.8770



216.1930, -10.7290, 1.7110

Square

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



215.9910, 4.2190, -4.8770



214.5360, -13.4330, -4.3530



217.5960, -4.4940, 4.3540



218.1650, 12.8370, 4.1410

Rectangle

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



215.9910, 4.2190, -4.8770



214.8910, -7.2430, -6.4030



217.5960, -4.4940, 4.3540



218.1090, 7.2430, 6.4030

Sweetspot

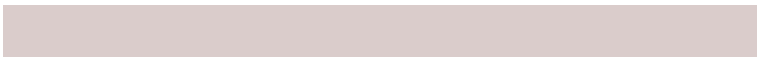
The Sweet Spot groups the original color and five complimentary colors.



215.9910, 4.2190, -4.8770



254.4300, 1.6050, -1.5550



208.0720, 8.6650, 2.6570



127.3590, 0.3670, -1.1450



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.



215.9910, 4.2190, -4.8770



252.4210, 5.8240, -6.4320



213.8980, 0.0470, -6.3610



108.4470, 2.9350, -3.6330



149.9890, 48.9770, -56.1350



39.8590, 12.9780, -14.9420

Inverse Universe

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



205.0090, -4.2190, 4.8770



237.5790, -5.8240, 6.4320



207.4010, 0.5490, 6.5730



100.2540, -3.5310, 3.4210



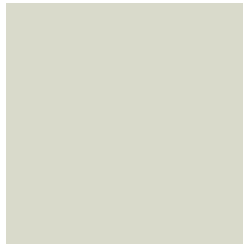
23.3100, -48.3810, 56.3470



6.1410, -12.9780, 14.9420

Previews

White Background



This preview shows how the YIQ color 215.9910, 4.2190, -4.8770 looks on a white background.

Color Contrast Check

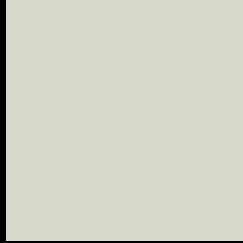
Large Text (above 18pt) WCAG AA × Fail

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 215.9910, 4.2190, -4.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

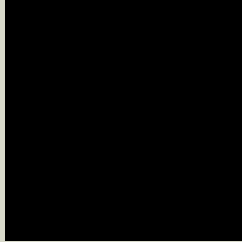
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

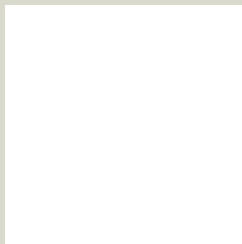
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.9910, 4.2190, -4.8770

Background



This preview shows how black text looks on a background with the YIQ color 215.9910, 4.2190, -4.8770.



This preview shows how white text looks on a background with the YIQ color 215.9910, 4.2190,

-4.8770.

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

215.9910, 4.2190, -4.8770

Protanopia

216.7960, 9.2620, -2.6580

Deuteranopia

218.4110, 20.9520, 5.7520



Tritanopia

218.0310, -1.2850, 6.7710

Trichromacy



Original Color

215.9910, 4.2190, -4.8770

Protanomaly

216.4860, 7.1990, -3.8170

Deuteranomaly

217.3670, 15.0840, 1.9640

Tritanomaly

217.1790, 1.0540, 2.9260

Monochromacy



Original Color

215.9910, 4.2190, -4.8770

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9910, 4.2190, -4.8770 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(217, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 203)  
}
```

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(217, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 203) }
```

Border

The CSS property to change the border of an element to YIQ 215.9910, 4.2190, -4.8770 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(217, 218, 203) }
```


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

```
.border{ border-color:rgb(217, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9910, 4.2190, -4.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 203) }
```

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

```
.background{ background-color: rgb(217,  
218, 203) }
```

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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