

Converting Colors

YIQ(217.6780, -1.7890, 4.8910)

Have a look what the booklet for
YIQ(217.6780, -1.7890, 4.8910)
contains.

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Color

**YIQ(217.6780, -1.7890,
4.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD7E4
RGB	219, 215, 228
RGB Percent	86%, 84%, 89%
CMY	0.1412, 0.1568, 0.1059
CMYK	0.04, 0.06, 0.00, 0.11
HSL	258°, 19%, 87%
HSV	258°, 6%, 89%
XYZ	67.5178, 69.2620, 83.2059
YIQ	217.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

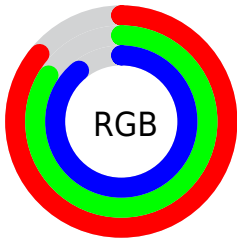
Format	Color
R _Y B	219, 215, 228
Decimal	14407652
CIE Lab	86.63, 3.75, -5.90
CIE LCh	87, 6.985, 302.429
Yxy	69.2620, 0.3069, 0.3148
Android (android.graphics.Color)	4292597732 (0xFFDBD7E4)
YUV	217.6780, 5.0887, 1.1594
Hunter-Lab	83.2238, -0.8282, -1.0206

Details

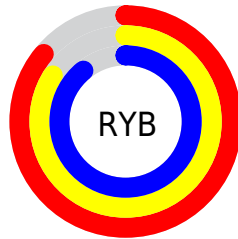
The YIQ color $217.6780, -1.7890, 4.8910$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.3220, 1.7890, -4.8910$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.6780, -1.7890, 4.8910$ is the 20% darker color. If you saturate the color by 10%, you get $199.3930, -5.0000, 13.5280$, and if you desaturate by 10%, it is $235.9630, 1.4220, -3.7460$.

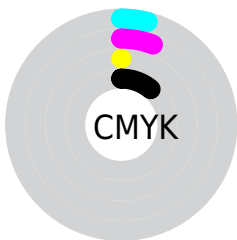
Distribution



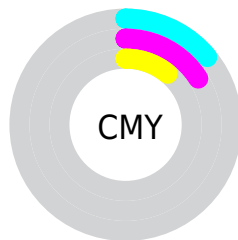
- Red (86%)
- Green (84%)
- Blue (89%)



- Red (86%)
- Yellow (84%)
- Blue (89%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.6780, -1.7890, 4.8910 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 217.6780, -1.7890, 4.8910 by changing the saturation by 10% instead.

■ 217.6780, -1.7890,
4.8910

■ 217.6780, -1.7890,
4.8910

255.0000, -0.0000,
-0.0000

■ 189.6780, -1.7890,
4.8910

■ 162.6780, -1.7890,
4.8910

■ 136.5640, -1.4680,
4.5800

■ 111.1510, -1.7430,
4.0570

■ 87.1510, -1.7430,
4.0570

■ 63.4500, -1.1470,
4.2690

■ 41.9230, -1.1010,

3.4350

■ 21.0370, -1.4220,
3.7460

■ 0.0000, 0.0000,
0.0000

■ 217.6780, -1.7890,
4.8910

■ 217.6780, -1.7890,
4.8910

■ 199.3930, -5.0000,
13.5280

■ 235.9630, 1.4220,
-3.7460

■ 181.1080, -8.2110,
22.1650

■ 250.7260, 6.2830,
-9.2450

■ 163.7090,
-11.1010, 30.4910

■ 251.9220, 8.6670,
-8.3970

■ 145.4240,
-14.3120, 39.1280

■ 127.1390,
-17.5230, 47.7650

■ 108.8540,
-20.7340, 56.4020

■ 90.8680, -23.3490,
65.2510

■ 73.1700, -26.8350,
73.3650

■ 54.8850, -30.0460,
82.0020

Harmonies

Analogous

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



216.6880, -7.7490, 2.7710



217.6780, -1.7890, 4.8910



218.0270, 4.5380, 5.8660

Triad

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



217.6780, -1.7890, 4.8910



217.1600, 11.2330, 0.1690



214.8630, -10.0400, -5.2720

Complementary

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



217.6780, -1.7890, 4.8910



225.3220, 1.7890, -4.8910

Split Complementary

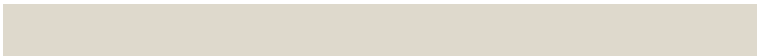
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.0870, -4.8590, -5.5550



217.6780, -1.7890, 4.8910



217.0130, 7.1530, -2.9830

Square

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



217.6780, -1.7890, 4.8910



218.0400, 11.6910, 2.8830



216.0230, 1.1930, -5.1030



215.3620, -12.8830, -3.3070

Rectangle

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



217.6780, -1.7890, 4.8910



218.7670, 8.2060, 5.4700



216.0230, 1.1930, -5.1030



214.9340, -8.8020, -5.6820

Sweetspot

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



217.6780, -1.7890, 4.8910



250.8690, -1.0090, 1.7670



221.7650, -6.6480, -0.6640



125.6410, -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.



217.6780, -1.7890, 4.8910



240.8460, -2.2020, 6.8700



219.4720, 1.7870, 6.1630



107.6240, -1.6970, 3.2230



36.8510, -24.6790, 67.3290



10.5980, -6.8350, 19.2530

Inverse Universe

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



219.9130, 4.8590, 5.5550



243.8640, 6.5550, 7.8590



223.5280, -1.7870, -6.1630



109.3750, 3.4380, 3.7740



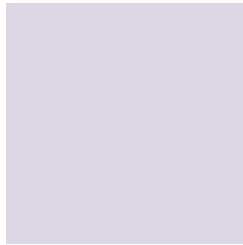
67.6570, 66.8800, 76.5120



19.2390, 19.1610, 21.6970

Previews

White Background



This preview shows how the YIQ color 217.6780, -1.7890, 4.8910 looks on a white background.

Color Contrast Check

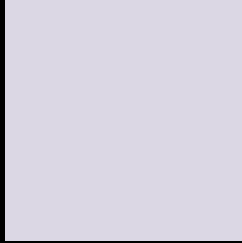
Large Text (above 18pt) WCAG AA × Fail

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 217.6780, -1.7890, 4.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

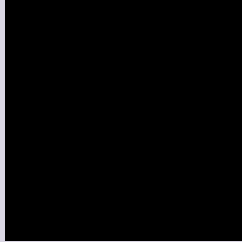
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

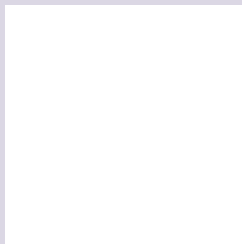
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.6780, -1.7890, 4.8910

Background



This preview shows how black text looks on a background with the YIQ color 217.6780, -1.7890, 4.8910.



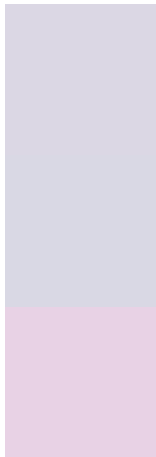
This preview shows how white text looks on a background with the YIQ color 217.6780, -1.7890,

4.8910.

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

217.6780, -1.7890, 4.8910

Protanopia

217.6670, -3.2560, 3.9440

Deuteranopia

218.7440, 7.0130, 10.5730



Tritanopia

217.7320, -1.8810, 6.5590

Trichromacy



Original Color

217.6780, -1.7890, 4.8910

Protanomaly

217.9660, -2.6600, 4.1560

Deuteranomaly

218.4230, 3.4830, 8.4670

Tritanomaly

217.6180, -1.5600, 6.2480

Monochromacy



Original Color

217.6780, -1.7890, 4.8910

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.6780, -1.7890, 4.8910 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(219, 215, 228)` looks like.

```
.text, #text, p{  
    color:rgb(219, 215, 228)  
}
```

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(219, 215, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 215, 228) }
```

Border

The CSS property to change the border of an element to YIQ 217.6780, -1.7890, 4.8910 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(219, 215, 228) }
```


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

```
.border{ border-color:rgb(219, 215, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 215, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 215, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 215, 228);  
box-shadow:4px 4px 4px 4px rgb(219, 215,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 217.6780, -1.7890, 4.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 215, 228) }
```

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

```
.background{ background-color: rgb(219,  
215, 228) }
```

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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