

Converting Colors

YIQ(217.5980, 1.1920, 0.4240)

Have a look what the booklet for
YIQ(217.5980, 1.1920, 0.4240)
contains.

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Color

**YIQ(217.5980, 1.1920,
0.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD9D9
RGB	219, 217, 217
RGB Percent	86%, 85%, 85%
CMY	0.1412, 0.1490, 0.1490
CMYK	0.00, 0.01, 0.01, 0.14
HSL	360°, 3%, 85%
HSV	0°, 1%, 86%
XYZ	66.5510, 69.6953, 75.5914
YIQ	217.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

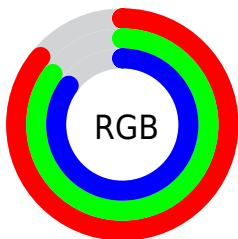
Format	Color
R _{YB}	219, 217, 217
Decimal	14408153
CIE Lab	86.85, 0.69, 0.23
CIE LCh	87, 0.723, 18.561
Yxy	69.6953, 0.3142, 0.3290
Android (android.graphics.Color)	4292598233 (0xFFDBD9D9)
YUV	217.5980, -0.2948, 1.2296
Hunter-Lab	83.4837, -3.8012, 4.7537

Details

The YIQ color **217.5980, 1.1920, 0.4240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218.4020, -1.1920, -0.4240**, 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 **162.5980, 1.1920, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **202.1760, 14.3040, 5.0880**, and if you desaturate by 10%, it is **233.0200, -11.9200, -4.2400**.

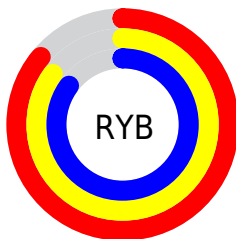
Distribution



Red (86%)

Green (85%)

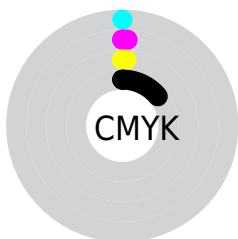
Blue (85%)



Red (86%)

Yellow (85%)

Blue (85%)

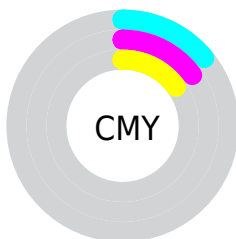


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.5980, 1.1920, 0.4240 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 217.5980, 1.1920, 0.4240 by changing the saturation by 10% instead.

■ 217.5980, 1.1920,
0.4240

■ 217.5980, 1.1920,
0.4240

255.0000, -0.0000,
-0.0000

■ 189.5980, 1.1920,
0.4240

■ 162.5980, 1.1920,
0.4240

■ 136.5980, 1.1920,
0.4240

■ 111.2990, 0.5960,
0.2120

■ 86.5980, 1.1920,
0.4240

■ 63.5980, 1.1920,
0.4240

■ 41.5980, 1.1920,

0.4240

■ 21.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 217.5980, 1.1920,
0.4240

■ 217.5980, 1.1920,
0.4240

■ 202.1760, 14.3040,
5.0880

■ 233.0200,
-11.9200, -4.2400

■ 186.7540, 27.4160,
9.7520

■ 244.2360,
-21.4560, -7.6320

■ 171.3320, 40.5280,
14.4160

■ 155.9100, 53.6400,
19.0800

■ 141.1890, 66.1560,
23.5320

■ 125.7670, 79.2680,
28.1960

■ 110.3450, 92.3800,
32.8600

■ 94.9230, 105.4920,
37.5240

■ 79.5010, 118.6040,
42.1880

Harmonies

Analogous

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



217.7120, 0.8710, 0.7350



217.5980, 1.1920, 0.4240



217.4840, 1.5130, 0.1130

Triad

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



217.5980, 1.1920, 0.4240



217.4730, 0.0460, -0.8340



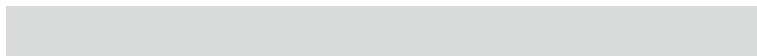
217.8150, -0.9170, 0.0990

Complementary

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



217.5980, 1.1920, 0.4240



218.4020, -1.1920, -0.4240

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.



217.4020, -1.1920, -0.4240



217.5980, 1.1920, 0.4240



217.2880, -0.8710, -0.7350

Square

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



217.5980, 1.1920, 0.4240



217.7720, 0.6420, -0.6220



217.4020, -1.1920, -0.4240



217.2280, -0.6420, 0.6220

Rectangle

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



217.5980, 1.1920, 0.4240



217.4840, 1.5130, 0.1130



217.4020, -1.1920, -0.4240



217.5160, -1.5130, -0.1130

Sweetspot

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



217.5980, 1.1920, 0.4240

255.0000, -0.0000, -0.0000



217.8260, 0.5500, 1.0460



128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



217.5980, 1.1920, 0.4240



252.8970, 1.7880, 0.6360



218.1850, 0.9170, -0.0990



109.2990, 0.5960, 0.2120



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Inverse Universe

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



218.4020, -1.1920, -0.4240



254.1030, -1.7880, -0.6360



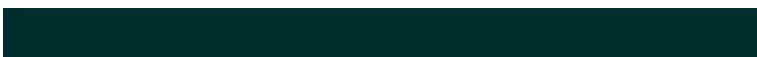
217.8150, -0.9170, 0.0990



109.7010, -0.5960, -0.2120



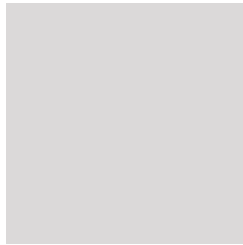
121.2730, -103.1080, -36.6760



32.2460, -27.4160, -9.7520

Previews

White Background



This preview shows how the YIQ color 217.5980, 1.1920, 0.4240 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 217.5980, 1.1920, 0.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

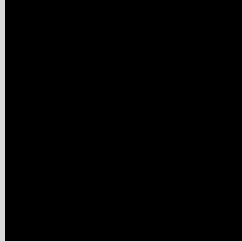
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

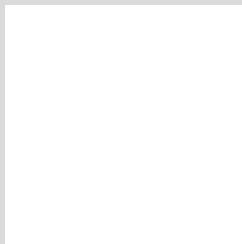
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.5980, 1.1920, 0.4240

Background



This preview shows how black text looks on a background with the YIQ color 217.5980, 1.1920, 0.4240.



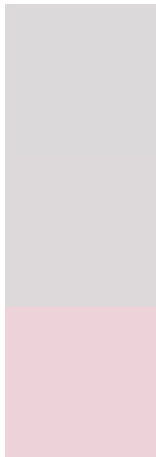
This preview shows how white text looks on a background with the YIQ color 217.5980, 1.1920,

0.4240.

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

217.5980, 1.1920, 0.4240

Protanopia

217.6090, 2.6590, 1.3710

Deuteranopia

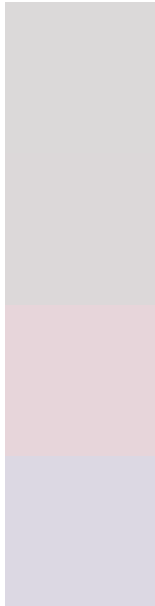
219.2840, 14.1200, 8.4240



Tritanopia

218.7320, -1.8810, 6.5590

Trichromacy



Original Color

217.5980, 1.1920, 0.4240

Protanomaly

217.3100, 2.0630, 1.1590

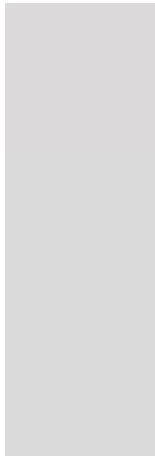
Deuteranomaly

218.9520, 9.1230, 5.3710

Tritanomaly

218.4500, -1.1470, 4.2690

Monochromacy



Original Color

217.5980, 1.1920, 0.4240

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.0000, -0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.5980, 1.1920, 0.4240 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, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 217)  
}
```

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, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 217) }
```

Border

The CSS property to change the border of an element to YIQ 217.5980, 1.1920, 0.4240 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, 217, 217) }
```

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

```
.border{ border-color:rgb(219, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
217) }
```


Background

The CSS property to change the background color of an element to YIQ 217.5980, 1.1920, 0.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 217) }
```

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

```
.background{ background-color: rgb(219,  
217, 217) }
```

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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