

Converting Colors

YIQ(219.5980, 1.1920, 0.4240)

Have a look what the booklet for
YIQ(219.5980, 1.1920, 0.4240)
contains.

YIQ(219.5980, 1.1920, 0.4240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YIQ(219.5980, 1.1920,
0.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDBDB
RGB	221, 219, 219
RGB Percent	87%, 86%, 86%
CMY	0.1333, 0.1412, 0.1412
CMYK	0.00, 0.01, 0.01, 0.13
HSL	360°, 3%, 86%
HSV	0°, 1%, 87%
XYZ	67.9368, 71.1495, 77.1712
YIQ	219.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

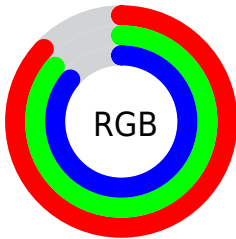
Format	Color
R _Y B	221, 219, 219
Decimal	14539739
CIE Lab	87.56, 0.68, 0.23
CIE LCh	88, 0.722, 18.554
Yxy	71.1495, 0.3141, 0.3290
Android (android.graphics.Color)	4292729819 (0xFFDDDBDB)
YUV	219.5980, -0.2948, 1.2296
Hunter-Lab	84.3501, -3.8463, 4.8012

Details

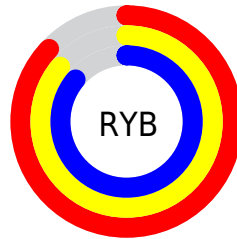
The YIQ color **219.5980, 1.1920, 0.4240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220.4020, -1.1920, -0.4240**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **164.5980, 1.1920, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **204.1760, 14.3040, 5.0880**, and if you desaturate by 10%, it is **235.0200, -11.9200, -4.2400**.

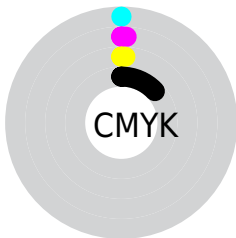
Distribution



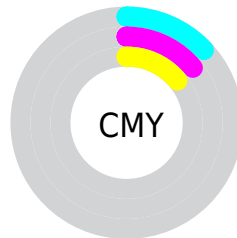
- Red (87%)
- Green (86%)
- Blue (86%)



- Red (87%)
- Yellow (86%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.5980, 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 219.5980, 1.1920, 0.4240 by changing the saturation by 10% instead.

■ 219.5980, 1.1920,
0.4240

■ 219.5980, 1.1920,
0.4240

255.0000, -0.0000,
-0.0000

■ 191.5980, 1.1920,
0.4240

■ 164.5980, 1.1920,
0.4240

■ 138.5980, 1.1920,
0.4240

■ 112.5980, 1.1920,
0.4240

■ 88.5980, 1.1920,
0.4240

■ 65.2990, 0.5960,
0.2120

■ 43.2990, 0.5960,

0.2120

■ 22.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 219.5980, 1.1920,
0.4240

■ 219.5980, 1.1920,
0.4240

■ 204.1760, 14.3040,
5.0880

■ 235.0200,
-11.9200, -4.2400

■ 188.7540, 27.4160,
9.7520

■ 244.8340,
-20.2640, -7.2080

■ 173.3320, 40.5280,
14.4160

■ 157.9100, 53.6400,
19.0800

■ 142.4880, 66.7520,
23.7440

■ 126.9520, 80.1850,
28.0970

■ 110.9430, 93.5720,
33.2840

■ 95.5210, 106.6840,
37.9480

■ 80.0990, 119.7960,
42.6120

Harmonies

Analogous

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



219.7120, 0.8710, 0.7350



219.5980, 1.1920, 0.4240



219.4840, 1.5130, 0.1130

Triad

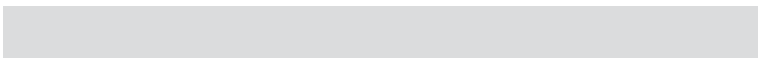
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.5980, 1.1920, 0.4240



219.4730, 0.0460, -0.8340



219.8150, -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.



219.5980, 1.1920, 0.4240



220.4020, -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.



219.4020, -1.1920, -0.4240



219.5980, 1.1920, 0.4240



219.2880, -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.



219.5980, 1.1920, 0.4240



219.7720, 0.6420, -0.6220



219.4020, -1.1920, -0.4240



219.2280, -0.6420, 0.6220

Rectangle

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



219.5980, 1.1920, 0.4240



219.4840, 1.5130, 0.1130



219.4020, -1.1920, -0.4240



219.5160, -1.5130, -0.1130

Sweetspot

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



219.5980, 1.1920, 0.4240

255.0000, -0.0000, -0.0000



219.8260, 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.



219.5980, 1.1920, 0.4240



252.8970, 1.7880, 0.6360



220.1850, 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.



220.4020, -1.1920, -0.4240



254.1030, -1.7880, -0.6360



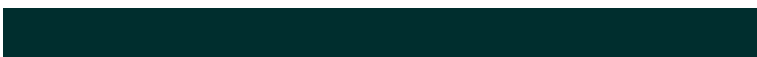
219.8150, -0.9170, 0.0990



109.7010, -0.5960, -0.2120



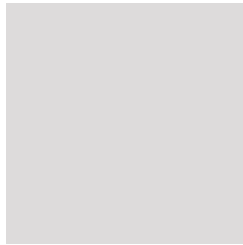
121.2730, -103.1080, -36.6760



32.2460, -27.4160, -9.7520

Previews

White Background



This preview shows how the YIQ color 219.5980, 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 219.5980, 1.1920, 0.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

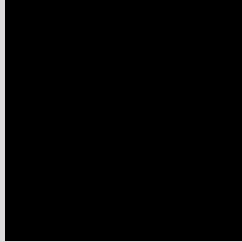
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

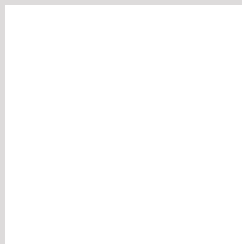
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.5980, 1.1920, 0.4240

Background



This preview shows how black text looks on a background with the YIQ color 219.5980, 1.1920, 0.4240.



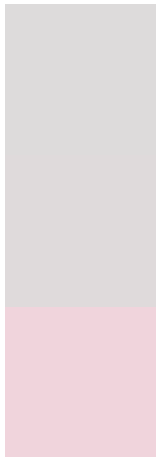
This preview shows how white text looks on a background with the YIQ color 219.5980, 1.1920,

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

219.5980, 1.1920, 0.4240

Protanopia

219.6090, 2.6590, 1.3710

Deuteranopia

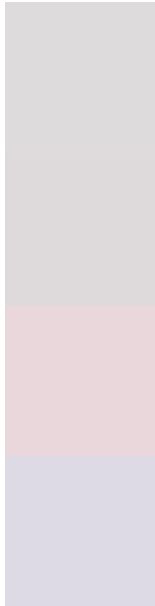
221.2840, 14.1200, 8.4240



Tritanopia

220.7320, -1.8810, 6.5590

Trichromacy



Original Color

219.5980, 1.1920, 0.4240

Protanomaly

219.3100, 2.0630, 1.1590

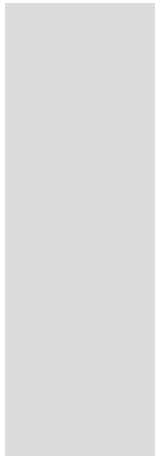
Deuteranomaly

220.9520, 9.1230, 5.3710

Tritanomaly

220.4500, -1.1470, 4.2690

Monochromacy



Original Color

219.5980, 1.1920, 0.4240

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.5980, 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(221, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(221, 219, 219)  
}
```

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(221, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 219, 219) }
```

Border

The CSS property to change the border of an element to YIQ 219.5980, 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(221, 219, 219) }
```

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

```
.border{ border-color:rgb(221, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(221, 219,  
219) }
```


Background

The CSS property to change the background color of an element to YIQ 219.5980, 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(221, 219, 219) }
```

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

```
.background{ background-color: rgb(221,  
219, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor