

Converting Colors

YIQ(219.0820, 2.7050, 0.5370)

Have a look what the booklet for
YIQ(219.0820, 2.7050, 0.5370)
contains.

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Color

**YIQ(219.0820, 2.7050,
0.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDAD9
RGB	222, 218, 217
RGB Percent	87%, 85%, 85%
CMY	0.1294, 0.1451, 0.1490
CMYK	0.00, 0.02, 0.02, 0.13
HSL	12°, 7%, 86%
HSV	12°, 2%, 87%
XYZ	67.7206, 70.6818, 75.7213
YIQ	219.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

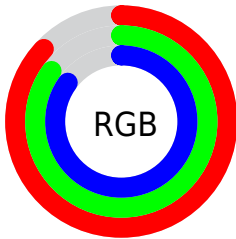
Format	Color
R _Y B	222, 218, 217
Decimal	14605017
CIE Lab	87.33, 1.19, 0.96
CIE LCh	87, 1.529, 38.944
Yxy	70.6818, 0.3163, 0.3301
Android (android.graphics.Color)	4292795097 (0xFFDEDAD9)
YUV	219.0820, -1.0264, 2.5591
Hunter-Lab	84.0725, -3.3445, 5.4502

Details

The YIQ color **219.0820, 2.7050, 0.5370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219.9180, -2.7050, -0.5370**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **164.0820, 2.7050, 0.5370** is the 20% darker color. If you saturate the color by 10%, you get **206.0080, 14.7170, 3.1090**, and if you desaturate by 10%, it is **232.1560, -9.3070, -2.0350**.

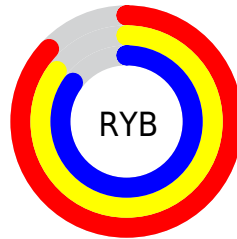
Distribution



Red (87%)

Green (85%)

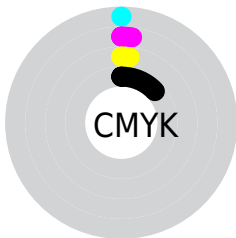
Blue (85%)



Red (87%)

Yellow (85%)

Blue (85%)

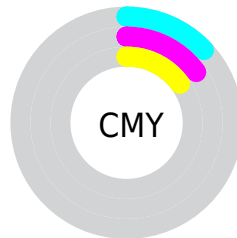


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.0820, 2.7050, 0.5370 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 219.0820, 2.7050, 0.5370 by changing the saturation by 10% instead.

■ 219.0820, 2.7050,
0.5370

■ 219.0820, 2.7050,
0.5370

255.0000, -0.0000,
-0.0000

■ 191.0820, 2.7050,
0.5370

■ 164.0820, 2.7050,
0.5370

■ 138.0820, 2.7050,
0.5370

■ 112.7830, 2.1090,
0.3250

■ 88.0820, 2.7050,
0.5370

■ 64.7830, 2.1090,
0.3250

■ 42.7830, 2.1090,

0.3250

■ 22.4840, 1.5130,
0.1130

■ 0.0000, 0.0000,
0.0000

■ 219.0820, 2.7050,
0.5370

■ 219.0820, 2.7050,
0.5370

■ 206.0080, 14.7170,
3.1090

■ 232.1560, -9.3070,
-2.0350

■ 192.9340, 26.7290,
5.6810

■ 244.5460,
-19.3930, -6.4730

■ 180.3330, 38.7870,
7.4190

■ 245.1330,
-19.6680, -6.9960

■ 167.2590, 50.7990,
9.9910

■ 154.1850, 62.8110,
12.5630

■ 141.1110, 74.8230,
15.1350

■ 128.6240, 86.5600,
17.1840

■ 115.4360, 98.8930,
19.4450

■ 102.3620,
110.9050, 22.0170

Harmonies

Analogous

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



219.1960, 2.3840, 0.8480



219.0820, 2.7050, 0.5370



218.6690, 2.4300, 0.0140

Triad

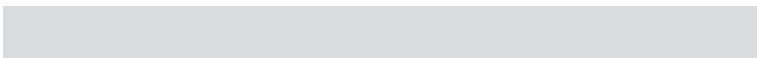
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.0820, 2.7050, 0.5370



218.5760, -1.7420, -1.4700



219.0430, -1.5590, 0.7210

Complementary

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



219.0820, 2.7050, 0.5370



219.9180, -2.7050, -0.5370

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.



218.3310, -2.4300, -0.0140



219.0820, 2.7050, 0.5370



218.6900, -2.0630, -1.1590

Square

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



219.0820, 2.7050, 0.5370



218.4730, 0.0460, -0.8340



218.9180, -2.7050, -0.5370



218.9400, 0.2290, 1.3570

Rectangle

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



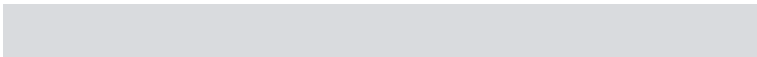
219.0820, 2.7050, 0.5370



218.9570, 1.5590, -0.7210



218.9180, -2.7050, -0.5370



218.7440, -2.1550, 0.5090

Sweetspot

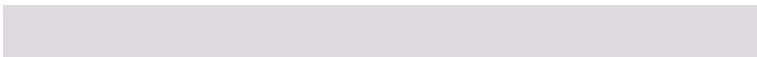
The Sweet Spot groups the original color and five complimentary colors.



219.0820, 2.7050, 0.5370



253.4840, 1.5130, 0.1130



218.9510, 1.6960, 2.3040



126.5980, 1.1920, 0.4240



0.0000, 0.0000, 0.0000



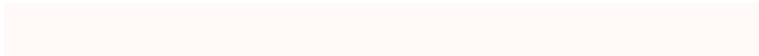
128.0000, -0.0000, -0.0000

Same Dimension

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



219.0820, 2.7050, 0.5370



250.5660, 4.2180, 0.6500



220.2560, 2.1550, -0.5090



109.7830, 2.1090, 0.3250



73.1690, 95.2710, 19.0070



20.2220, 25.8580, 4.9460

Inverse Universe

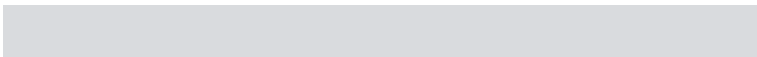
The Inverse Universe completely reimagines the original color for something new.



219.9180, -2.7050, -0.5370



251.4340, -4.2180, -0.6500



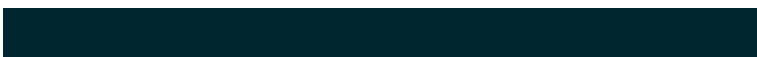
218.7440, -2.1550, 0.5090



110.2170, -2.1090, -0.3250



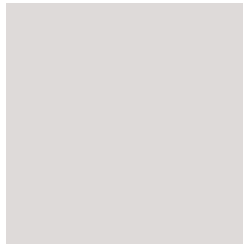
102.8310, -95.2710, -19.0070



28.3650, -26.1330, -5.4690

Previews

White Background



This preview shows how the YIQ color 219.0820, 2.7050, 0.5370 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 219.0820, 2.7050, 0.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

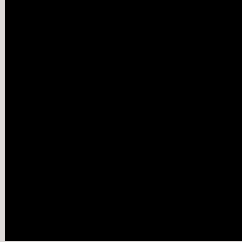
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

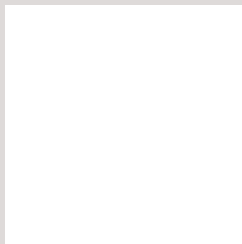
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.0820, 2.7050, 0.5370

Background



This preview shows how black text looks on a background with the YIQ color 219.0820, 2.7050, 0.5370.



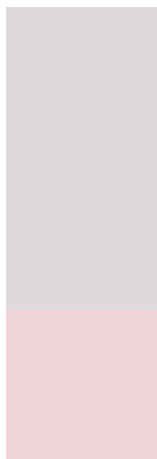
This preview shows how white text looks on a background with the YIQ color 219.0820, 2.7050,

0.5370.

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

219.0820, 2.7050, 0.5370

Protanopia

219.3810, 3.3010, 0.7490

Deuteranopia

221.0560, 14.7620, 7.8020



Tritanopia

220.3300, -0.6890, 6.9830

Trichromacy



Original Color

219.0820, 2.7050, 0.5370

Protanomaly

219.3810, 3.3010, 0.7490

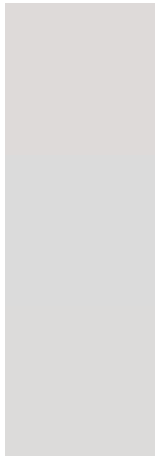
Deuteranomaly

220.1370, 10.0400, 5.2720

Tritanomaly

219.9340, 0.3660, 4.3820

Monochromacy



Original Color

219.0820, 2.7050, 0.5370

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0820, 2.7050, 0.5370 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(222, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 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(222, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 217) }
```

Border

The CSS property to change the border of an element to YIQ 219.0820, 2.7050, 0.5370 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(222, 218, 217) }
```


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

```
.border{ border-color:rgb(222, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 218,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0820, 2.7050, 0.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 217) }
```

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

```
.background{ background-color: rgb(222,  
218, 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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