

Converting Colors

YIQ(217.4220, -3.9440, 5.4000)

Have a look what the booklet for
YIQ(217.4220, -3.9440, 5.4000)
contains.

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Color

**YIQ(217.4220, -3.9440,
5.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D7E7
RGB	217, 215, 231
RGB Percent	85%, 84%, 91%
CMY	0.1490, 0.1568, 0.0941
CMYK	0.06, 0.07, 0.00, 0.09
HSL	248°, 25%, 87%
HSV	248°, 7%, 91%
XYZ	67.3394, 69.1219, 85.3887
YIQ	217.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

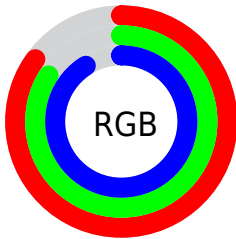
Format	Color
R _Y B	217, 215, 231
Decimal	14276583
CIE Lab	86.56, 3.65, -7.60
CIE LCh	87, 8.431, 295.659
Yxy	69.1219, 0.3035, 0.3116
Android (android.graphics.Color)	4292466663 (0xFFD9D7E7)
YUV	217.4220, 6.6940, -0.3701
Hunter-Lab	83.1396, -0.9170, -2.6962

Details

The YIQ color $217.4220, -3.9440, 5.4000$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $228.5780, 3.9440, -5.4000$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.3080, -3.6230, 5.0890$ is the 20% darker color. If you saturate the color by 10%, you get $197.9410, -9.5390, 13.1890$, and if you desaturate by 10%, it is $236.9030, 1.6510, -2.3890$.

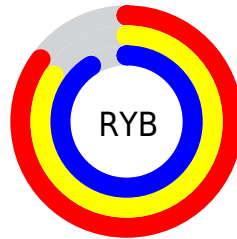
Distribution



Red (85%)

Green (84%)

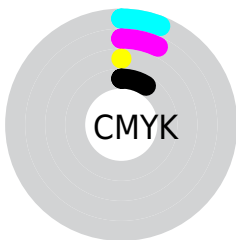
Blue (91%)



Red (85%)

Yellow (84%)

Blue (91%)

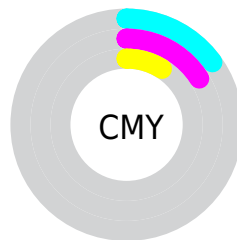


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.4220, -3.9440, 5.4000 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 217.4220, -3.9440, 5.4000 by changing the saturation by 10% instead.

■ 217.4220, -3.9440,
5.4000

■ 217.4220, -3.9440,
5.4000

255.0000, -0.0000,
-0.0000

■ 189.4220, -3.9440,
5.4000

■ 162.3080, -3.6230,
5.0890

■ 136.3080, -3.6230,
5.0890

■ 111.1940, -3.3020,
4.7780

■ 86.7810, -3.5770,
4.2550

■ 63.0800, -2.9810,
4.4670

■ 41.6670, -3.2560,

3.9440

■ 20.9660, -2.6600,
4.1560

■ 0.4560, -1.2840,
1.2440

■ 217.4220, -3.9440,
5.4000

■ 217.4220, -3.9440,
5.4000

■ 197.9410, -9.5390,
13.1890

■ 236.9030, 1.6510,
-2.3890

■ 178.4600,
-15.1340, 20.9780

■ 252.2640, 7.7040,
-7.4640

■ 158.6800,
-21.3250, 28.5550

■ 139.1990,
-26.9200, 36.3440

■ 119.7180,
-32.5150, 44.1330

■ 99.6500, -37.8350,
52.4450

■ 80.1690, -43.4300,
60.2340

■ 60.3890, -49.6210,
67.8110

■ 40.9080, -55.2160,
75.6000

Harmonies

Analogous

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



216.3070, -11.0500, 2.0220



217.4220, -3.9440, 5.4000



218.3690, 3.5750, 6.7990

Triad

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



217.4220, -3.9440, 5.4000



217.6550, 14.2130, 1.2290



214.0370, -10.5900, -6.3180

Complementary

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



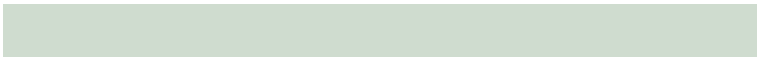
217.4220, -3.9440, 5.4000



228.5780, 3.9440, -5.4000

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.



214.6310, -3.5750, -6.7990



217.4220, -3.9440, 5.4000



216.9810, 10.1790, -2.7570

Square

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



217.4220, -3.9440, 5.4000



218.3500, 13.7540, 4.0420



215.5780, 3.9440, -5.4000



214.0520, -14.9460, -4.4660

Rectangle

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



217.4220, -3.9440, 5.4000



218.7070, 8.4350, 6.8270



215.5780, 3.9440, -5.4000



214.2930, -8.4350, -6.8270

Sweetspot

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



217.4220, -3.9440, 5.4000



250.8690, -1.0090, 1.7670



225.0420, -8.9860, -2.3460



125.3420, -0.9630, 0.9330



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.



217.4220, -3.9440, 5.4000



237.8780, -5.2280, 6.6440



219.8140, 0.8240, 7.0960



104.9660, -2.6600, 4.1560



26.9840, -44.3470, 60.3330



7.6080, -12.7950, 17.1330

Inverse Universe

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



221.3800, 5.0420, 7.7460



242.9180, 6.4630, 9.5270



226.1860, -0.8240, -7.0960



107.7280, 3.9420, 5.6540



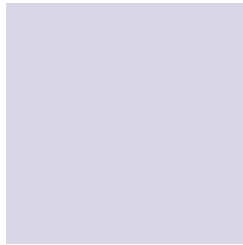
71.3050, 56.6080, 86.4640



20.3790, 15.9510, 24.8070

Previews

White Background



This preview shows how the YIQ color 217.4220, -3.9440, 5.4000 looks on a white background.

Color Contrast Check

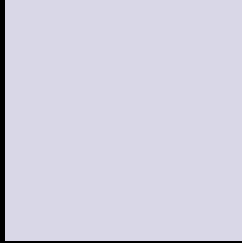
Large Text (above 18pt) WCAG AA × Fail

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 217.4220, -3.9440, 5.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

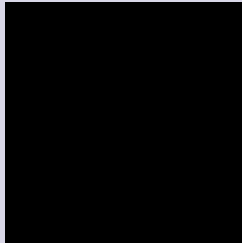
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.4220, -3.9440, 5.4000

Background



This preview shows how black text looks on a background with the YIQ color 217.4220, -3.9440, 5.4000.



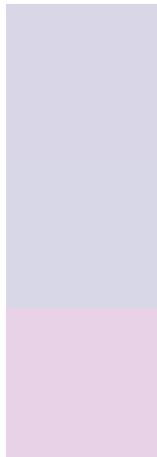
This preview shows how white text looks on a background with the YIQ color 217.4220, -3.9440,

5.4000.

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

217.4220, -3.9440, 5.4000

Protanopia

217.1230, -4.5400, 5.1880

Deuteranopia

218.7870, 5.4540, 11.2940



Tritanopia

217.5360, -4.2650, 5.7110

Trichromacy



Original Color

217.4220, -3.9440, 5.4000

Protanomaly

217.1230, -4.5400, 5.1880

Deuteranomaly

218.4660, 1.9240, 9.1880

Tritanomaly

217.5360, -4.2650, 5.7110

Monochromacy



Original Color

217.4220, -3.9440, 5.4000

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.9830, -1.3300, 2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.4220, -3.9440, 5.4000 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, 215, 231)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 231)  
}
```

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, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 231) }
```

Border

The CSS property to change the border of an element to YIQ 217.4220, -3.9440, 5.4000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

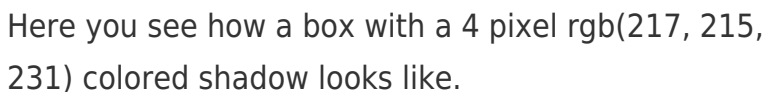
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 215, 231) }
```


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

```
.border{ border-color:rgb(217, 215, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 231);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 217.4220, -3.9440, 5.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 231) }
```

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

```
.background{ background-color: rgb(217,  
215, 231) }
```

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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