

Converting Colors

YIQ(199.9270, 19.4390, 5.6390)

Have a look what the booklet for
YIQ(199.9270, 19.4390, 5.6390)
contains.

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Color

**YIQ(199.9270, 19.4390,
5.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBFBC
RGB	222, 191, 188
RGB Percent	87%, 75%, 74%
CMY	0.1293, 0.2510, 0.2627
CMYK	0.00, 0.14, 0.15, 0.13
HSL	5°, 34%, 80%
HSV	5°, 15%, 87%
XYZ	57.8371, 56.4201, 55.4302
YIQ	199.9270, 19.4390, 5.6390

Conversions

Conversions Part 2

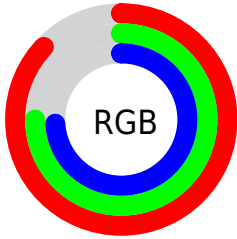
Format	Color
R _Y B	222, 191, 188
Decimal	14598076
CIE Lab	79.85, 10.54, 5.57
CIE LCh	80, 11.924, 27.834
Yxy	56.4201, 0.3408, 0.3325
Android (android.graphics.Color)	4292788156 (0xFFDEBFBC)
YUV	199.9270, -5.8800, 19.3580
Hunter-Lab	75.1133, 5.9962, 8.8260

Details

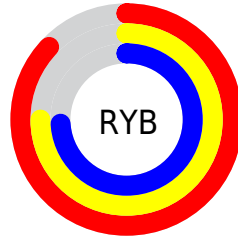
The YIQ color **199.9270, 19.4390, 5.6390** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **210.0730, -19.4390, -5.6390**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.0500, 5.7310, 0.7630**, and **146.3290, 18.2470, 5.2150** is the 20% darker color. If you saturate the color by 10%, you get **185.6790, 32.0010, 9.2570**, and if you desaturate by 10%, it is **214.1750, 6.8770, 2.0210**.

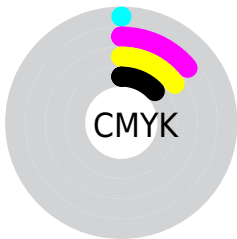
Distribution



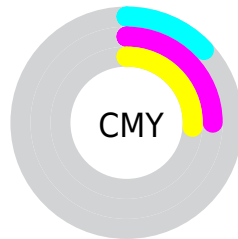
- Red (87%)
- Green (75%)
- Blue (74%)



- Red (87%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.9270, 19.4390, 5.6390 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 199.9270, 19.4390, 5.6390 by changing the saturation by 10% instead.


 199.9270, 19.4390,
5.6390


 199.9270, 19.4390,
5.6390


255.0000, -0.0000,
-0.0000


 172.6280, 18.8430,
5.4270


 249.0500, 5.7310,
0.7630

 146.3290, 18.2470,
5.2150

 120.1440, 17.3300,
5.3140

 95.4320, 16.4590,
4.5790

 71.2470, 15.5420,
4.6780

 48.6490, 14.3500,
4.2540

 27.4640, 13.4330,

4.3530

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 199.9270, 19.4390,
5.6390

■ 199.9270, 19.4390,
5.6390

■ 185.6790, 32.0010,
9.2570

■ 214.1750, 6.8770,
2.0210

■ 170.8440, 44.8380,
13.3980

■ 229.0100, -5.9600,
-2.1200

■ 156.4820, 57.7210,
16.7050

■ 243.3720,
-18.8430, -5.4270

■ 142.2340, 70.2830,
20.3230

■ 245.1330,
-19.6680, -6.9960

■ 127.9860, 82.8450,
23.9410

■ 113.1510, 95.6820,
28.0820

■ 98.9030, 108.2440,
31.7000

■ 84.5410, 121.1270,
35.0070

■ 77.5310, 127.0870,
37.1270

Harmonies

Analogous

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



200.5830, 14.7160, 8.6360



199.9270, 19.4390, 5.6390



198.9930, 19.0730, 1.2570

Triad

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



199.9270, 19.4390, 5.6390



195.0820, -6.4630, -9.5270



197.2080, -15.0850, 3.5630

Complementary

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



199.9270, 19.4390, 5.6390



210.0730, -19.4390, -5.6390

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.



195.2240, -21.1820, -1.5820



199.9270, 19.4390, 5.6390



194.8190, -15.9080, -9.0600

Square

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



199.9270, 19.4390, 5.6390



196.2960, 4.6780, -7.6900



194.2900, -21.5480, -5.9640



198.8180, -4.9990, 8.0010

Rectangle

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



199.9270, 19.4390, 5.6390



198.5040, 15.9560, -2.8280



194.2900, -21.5480, -5.9640



196.4850, -17.4230, 1.8810

Sweetspot

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



199.9270, 19.4390, 5.6390



246.4740, 7.4730, 2.2330



201.7000, 10.3130, 16.8490



122.9790, 4.4930, 1.1730



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.



199.9270, 19.4390, 5.6390



225.1020, 26.3160, 7.6600



209.9060, 14.7640, -3.2520



104.8760, 6.2810, 1.8090



61.4290, 100.7710, 29.4670



16.7000, 27.5080, 8.0840

Inverse Universe

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



210.0730, -19.4390, -5.6390



238.8980, -26.3160, -7.6600



200.0940, -14.7640, 3.2520



108.1240, -6.2810, -1.8090



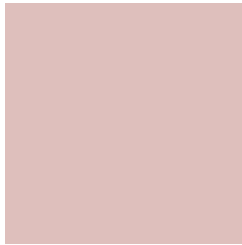
114.5710, -100.7710, -29.4670



31.3000, -27.5080, -8.0840

Previews

White Background



This preview shows how the YIQ color 199.9270, 19.4390, 5.6390 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 199.9270, 19.4390, 5.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

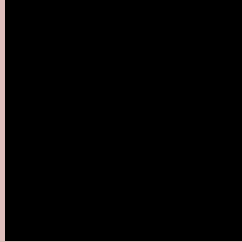
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.9270, 19.4390, 5.6390

Background



This preview shows how black text looks on a background with the YIQ color 199.9270, 19.4390, 5.6390.



This preview shows how white text looks on a background with the YIQ color 199.9270, 19.4390,

5.6390.

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

199.9270, 19.4390, 5.6390

Protanopia

198.1100, 5.5020, -0.5940

Deuteranopia

199.6280, 18.8430, 5.4270



Tritanopia

201.0610, 16.3660, 11.7740

Trichromacy



Original Color

199.9270, 19.4390, 5.6390

Protanomaly

198.9150, 10.5450, 1.6250

Deuteranomaly

199.6280, 18.8430, 5.4270

Tritanomaly

200.7790, 17.1000, 9.4840

Monochromacy



Original Color

199.9270, 19.4390, 5.6390

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.1750, 6.8770, 2.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9270, 19.4390, 5.6390 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, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(222, 191, 188)  
}
```

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, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 191, 188) }
```

Border

The CSS property to change the border of an element to YIQ 199.9270, 19.4390, 5.6390 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, 191, 188) }
```


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

```
.border{ border-color:rgb(222, 191, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 191, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 191, 188);  
box-shadow:4px 4px 4px 4px rgb(222, 191,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9270, 19.4390, 5.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 191, 188) }
```

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

```
.background{ background-color: rgb(222,  
191, 188) }
```

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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