

Converting Colors

YIQ(199.3970, 41.9030, 17.0310)

Have a look what the booklet for
YIQ(199.3970, 41.9030, 17.0310)
contains.

YIQ(199.3970, 41.9030, 17.0310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.3970, 41.9030,
17.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB1B6
RGB	250, 177, 182
RGB Percent	98%, 69%, 71%
CMY	0.0194, 0.3060, 0.2861
CMYK	0.00, 0.29, 0.27, 0.02
HSL	356°, 88%, 84%
HSV	356°, 29%, 98%
XYZ	63.6044, 55.1436, 51.5699
YIQ	199.3970, 41.9030, 17.0310

Conversions

Conversions Part 2

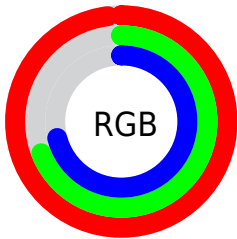
Format	Color
R _Y B	250, 177, 182
Decimal	16429494
CIE Lab	79.12, 27.32, 8.11
CIE LCh	79, 28.501, 16.528
Yxy	55.1436, 0.3734, 0.3238
Android (android.graphics.Color)	4294619574 (0xFF FAB1B6)
YUV	199.3970, -8.5767, 44.3788
Hunter-Lab	74.2587, 22.9367, 10.8065

Details

The YIQ color $199.3970, 41.9030, 17.0310$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $227.6030, -41.9030, -17.0310$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $240.1480, 11.5070, 6.2190$, and $144.9020, 38.9230, 15.9710$ is the 20% darker color. If you saturate the color by 10%, you get $182.1000, 56.1610, 22.9530$, and if you desaturate by 10%, it is $216.6940, 27.6450, 11.1090$.

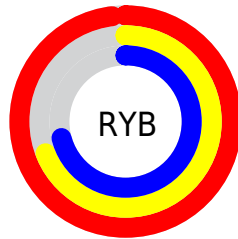
Distribution



Red (98%)

Green (69%)

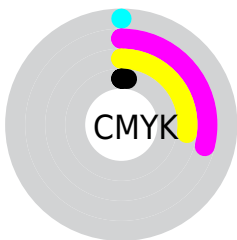
Blue (71%)



Red (98%)

Yellow (69%)

Blue (71%)

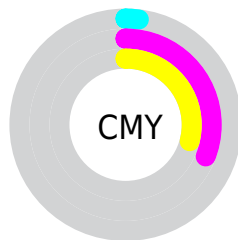


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.3970, 41.9030, 17.0310 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 199.3970, 41.9030, 17.0310 by changing the saturation by 10% instead.


 199.3970, 41.9030,
17.0310


 199.3970, 41.9030,
17.0310


255.0000, -0.0000,
-0.0000


 171.7990, 40.7110,
16.6070


 240.1480, 11.5070,
6.2190

 144.9020, 38.9230,
15.9710

 118.4180, 37.4100,
15.8580

 93.5210, 35.6220,
15.2220

 68.7380, 33.5130,
14.8970

 45.0690, 31.0830,
14.8830

 21.1120, 29.5240,

15.6040

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 199.3970, 41.9030,
17.0310

■ 199.3970, 41.9030,
17.0310

■ 182.1000, 56.1610,
22.9530

■ 216.6940, 27.6450,
11.1090

■ 164.8030, 70.4190,
28.8750

■ 234.1050, 13.0660,
5.4980

■ 147.3920, 84.9980,
34.4860

■ 251.4020, -1.1920,
-0.4240

■ 130.0950, 99.2560,
40.4080

■ 253.5050, -2.9800,
-1.0600

■ 112.7980,
113.5140, 46.3300

■ 95.3870, 128.0930,
51.9410

■ 78.0900, 142.3510,
57.8630

■ 76.6880, 143.5430,
58.2870

Harmonies

Analogous

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



200.3710, 27.5970, 22.9970



199.3970, 41.9030, 17.0310



197.9160, 44.3350, 5.9910

Triad

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



199.3970, 41.9030, 17.0310



189.8780, -6.3690, -22.2490



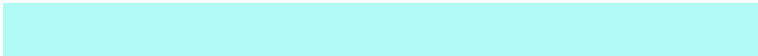
190.6850, -47.2250, 2.3350

Complementary

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



199.3970, 41.9030, 17.0310



227.6030, -41.9030, -17.0310

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.



184.9510, -60.1980, -10.3580



199.3970, 41.9030, 17.0310



186.2910, -32.4570, -23.0250

Square

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



199.3970, 41.9030, 17.0310



193.1430, 17.9300, -16.5820



183.6770, -53.9150, -19.6030



196.4650, -22.6980, 14.8860

Rectangle

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



199.3970, 41.9030, 17.0310



196.3080, 39.9350, -2.3770



183.6770, -53.9150, -19.6030



188.2280, -53.3680, -1.9760

Sweetspot

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



199.3970, 41.9030, 17.0310



239.1050, 13.0660, 5.4980



205.3550, 16.4990, 36.9070



117.5990, 8.6190, 3.4910



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.



199.3970, 41.9030, 17.0310



193.2950, 51.1180, 20.7340



216.4370, 35.2580, -0.2140



116.0010, 7.4270, 3.0670



57.9930, 108.4710, 44.1110



18.6950, 35.0720, 14.1760

Inverse Universe

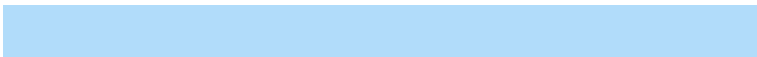
The Inverse Universe completely reimagines the original color for something new.



199.3970, 41.9030, 17.0310



193.2950, 51.1180, 20.7340



210.5630, -35.2580, 0.2140



116.0010, 7.4270, 3.0670



57.9930, 108.4710, 44.1110



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 199.3970, 41.9030, 17.0310 looks on a white background.

Color Contrast Check

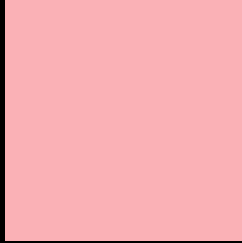
Large Text (above 18pt) WCAG AA × Fail

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 199.3970, 41.9030, 17.0310 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 199.3970, 41.9030, 17.0310

Background



This preview shows how black text looks on a background with the YIQ color 199.3970, 41.9030, 17.0310.



This preview shows how white text looks on a background with the YIQ color 199.3970, 41.9030,

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

199.3970, 41.9030, 17.0310

Protanopia

196.4520, 4.5390, 0.3390

Deuteranopia

197.5420, 21.9610, 3.9850



Tritanopia

199.9070, 40.5270, 19.9430

Trichromacy



Original Color

199.3970, 41.9030, 17.0310

Protanomaly

197.2690, 18.4760, 6.5720

Deuteranomaly

198.5970, 29.2960, 8.7200

Tritanomaly

199.5650, 41.4900, 19.0100

Monochromacy



Original Color

199.3970, 41.9030, 17.0310

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.3010, 15.4500, 6.3460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.3970, 41.9030, 17.0310 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(250, 177, 182)` looks like.

```
.text, #text, p{  
    color:rgb(250, 177, 182)  
}
```

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(250, 177, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 177, 182) }
```

Border

The CSS property to change the border of an element to YIQ 199.3970, 41.9030, 17.0310 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(250, 177, 182) }
```


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

```
.border{ border-color:rgb(250, 177, 182) }
```

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

Here you see how a box with a 4 pixel rgb(250, 177, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 177, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 177, 182);  
box-shadow:4px 4px 4px 4px rgb(250, 177,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 199.3970, 41.9030, 17.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 177, 182) }
```

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

```
.background{ background-color: rgb(250,  
177, 182) }
```

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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