

Converting Colors

YIQ(174.8020, 54.9650, 44.6370)

Have a look what the booklet for
YIQ(174.8020, 54.9650, 44.6370)
contains.

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Color

**YIQ(174.8020, 54.9650,
44.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	FF83BE
RGB	255, 131, 190
RGB Percent	100%, 51%, 75%
CMY	0.0000, 0.4865, 0.2547
CMYK	0.00, 0.49, 0.25, 0.00
HSL	331°, 100%, 76%
HSV	331°, 49%, 100%
XYZ	58.6484, 41.1983, 53.6014
YIQ	174.8020, 54.9650, 44.6370

Conversions

Conversions Part 2

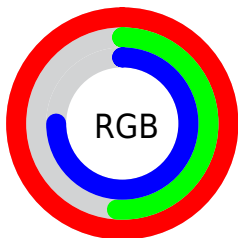
Format	Color
R_{YB}	255, 131, 190
Decimal	16745406
CIE _{Lab}	70.31, 53.63, -9.10
CIE _{LCh}	70, 54.394, 350.368
Yxy	41.1983, 0.3822, 0.2685
Android (android.graphics.Color)	4294935486 (0xFFFF83BE)
YUV	174.8020, 7.4926, 70.3336
Hunter-Lab	64.1859, 50.7750, -4.5827

Details

The YIQ color $174.8020, 54.9650, 44.6370$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $211.1980, -54.9650, -44.6370$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $214.0580, 21.5890, 32.7650$, and $118.8340, 51.9390, 44.4110$ is the 20% darker color. If you saturate the color by 10%, you get $158.0580, 66.2880, 54.1920$, and if you desaturate by 10%, it is $190.9590, 43.9170, 35.6050$.

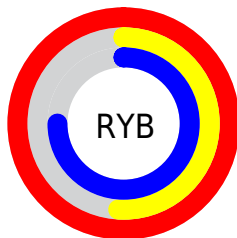
Distribution



Red (100%)

Green (51%)

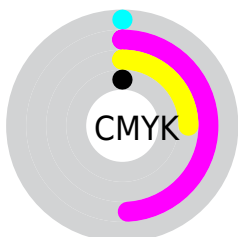
Blue (75%)



Red (100%)

Yellow (51%)

Blue (75%)

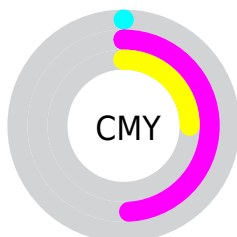


Cyan (0%)

Magenta (49%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.8020, 54.9650, 44.6370 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 174.8020, 54.9650, 44.6370 by changing the saturation by 10% instead.

 174.8020, 54.9650,
44.6370


 174.8020, 54.9650,
44.6370


255.0000, -0.0000,
-0.0000


 146.9050, 53.1770,
44.0010


 214.0580, 21.5890,
32.7650


 118.8340, 51.9390,
44.4110


 232.1070, 10.7250,
20.3970

 90.7630, 50.7010,
44.8210

 249.1300, 2.7500,
5.2300

 58.2240, 51.0210,
50.0370

 40.1860, 45.0160,
43.2240

 29.6050, 35.9860,
30.6580

 20.1490, 28.1020,

19.3500

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 174.8020, 54.9650,
44.6370

■ 174.8020, 54.9650,
44.6370

■ 158.0580, 66.2880,
54.1920

■ 190.9590, 43.9170,
35.6050

■ 141.7870, 77.6570,
62.9130

■ 207.8170, 32.2730,
26.3610

■ 125.0430, 88.9800,
72.4680

■ 223.9740, 21.2250,
17.3290

■ 108.8860,
100.0280, 81.5000

■ 240.7180, 9.9020,
7.7740

■ 92.0280, 111.6720, 255.0000, -0.0000,
90.7440 -0.0000

■ 90.0390, 113.1390,
91.6910

Harmonies

Analogous

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



176.9020, 13.7010, 43.5650



174.8020, 54.9650, 44.6370



169.1020, 71.0150, 29.0870

Triad

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



174.8020, 54.9650, 44.6370



164.0290, 26.2780, -35.7220



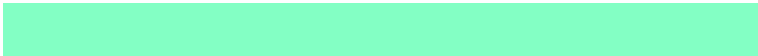
140.8620, -132.0870, -23.5990

Complementary

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



174.8020, 54.9650, 44.6370



211.1980, -54.9650, -44.6370

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.



139.0090, -119.9800, -39.2760



174.8020, 54.9650, 44.6370



156.2050, -21.3120, -43.2960

Square

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



174.8020, 54.9650, 44.6370



168.3480, 59.6530, -18.3230



132.6080, -103.3340, -54.6140



135.9040, -131.9050, -15.8810

Rectangle

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



174.8020, 54.9650, 44.6370



170.9650, 78.1700, 15.0500



132.6080, -103.3340, -54.6140



140.6680, -128.7850, -28.3770

Sweetspot

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



174.8020, 54.9650, 44.6370



230.4140, 16.8700, 13.6540



164.2720, -1.6600, 52.1320



113.0170, 10.4980, 7.9860



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.



174.8020, 54.9650, 44.6370



159.3460, 65.4170, 53.4570



169.2500, 73.3540, 25.2420



119.5710, 5.8220, 4.6220



67.4830, 84.6250, 68.7930



22.5560, 28.5140, 22.8980

Inverse Universe

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



174.8020, 54.9650, 44.6370



159.3460, 65.4170, 53.4570



216.7500, -73.3540, -25.2420



119.5710, 5.8220, 4.6220



67.4830, 84.6250, 68.7930



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 174.8020, 54.9650, 44.6370 looks on a white background.

Color Contrast Check

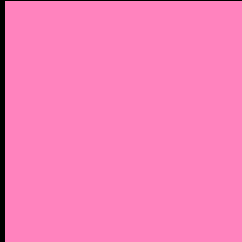
Large Text (above 18pt) WCAG AA × Fail

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 174.8020, 54.9650, 44.6370 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 174.8020, 54.9650, 44.6370

Background



This preview shows how black text looks on a background with the YIQ color 174.8020, 54.9650, 44.6370.



This preview shows how white text looks on a background with the YIQ color 174.8020, 54.9650,

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

174.8020, 54.9650, 44.6370

Protanopia

173.1400, -20.4050, 11.8750

Deuteranopia

174.0210, 4.6750, 8.8910



Tritanopia

173.6280, 63.5420, 26.8540

Trichromacy



Original Color

174.8020, 54.9650, 44.6370



Protanomaly

173.4750, 6.8730, 24.1290



Deuteranomaly

174.3920, 23.1040, 21.8240



Tritanomaly

173.8760, 60.1480, 33.3000

Monochromacy



Original Color

174.8020, 54.9650, 44.6370



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.8490, 20.0790, 16.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8020, 54.9650, 44.6370 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(255, 131, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 190)  
}
```

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(255, 131, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 190) }
```

Border

The CSS property to change the border of an element to YIQ 174.8020, 54.9650, 44.6370 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(255, 131, 190) }
```


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

```
.border{ border-color:rgb(255, 131, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8020, 54.9650, 44.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 190) }
```

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

```
.background{ background-color: rgb(255,  
131, 190) }
```

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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