

Converting Colors

YIQ(174.9900, 42.6320, 42.3760)

Have a look what the booklet for
YIQ(174.9900, 42.6320, 42.3760)
contains.

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Color

**YIQ(174.9900, 42.6320,
42.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	F288C8
RGB	242, 136, 200
RGB Percent	95%, 53%, 78%
CMY	0.0507, 0.4668, 0.2156
CMYK	0.00, 0.44, 0.17, 0.05
HSL	324°, 80%, 74%
HSV	324°, 44%, 95%
XYZ	55.8703, 40.6578, 59.5653
YIQ	174.9900, 42.6320, 42.3760

Conversions

Conversions Part 2

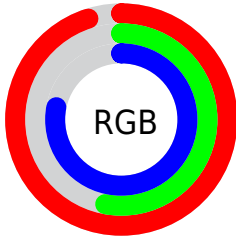
Format	Color
R_{YB}	242, 136, 200
Decimal	15894728
CIE _{Lab}	69.94, 48.43, -15.41
CIE _{LCh}	70, 50.823, 342.353
Yxy	40.6578, 0.3579, 0.2605
Android (android.graphics.Color)	4294084808 (0xFFFF288C8)
YUV	174.9900, 12.3299, 58.7678
Hunter-Lab	63.7635, 44.8178, -10.7520

Details

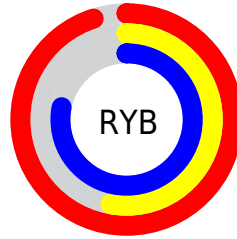
The YIQ color **174.9900, 42.6320, 42.3760** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.0100, -42.6320, -42.3760**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.4320, 17.6000, 33.4720**, and **120.3810, 39.9730, 41.0050** is the 20% darker color. If you saturate the color by 10%, you get **159.7620, 52.4420, 51.8180**, and if you desaturate by 10%, it is **190.2180, 32.8220, 32.9340**.

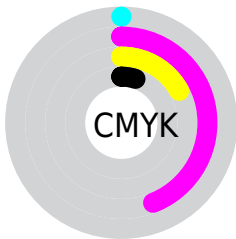
Distribution



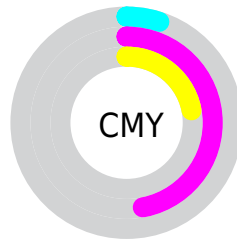
- Red (95%)
- Green (53%)
- Blue (78%)



- Red (95%)
- Yellow (53%)
- Blue (78%)



- Cyan (0%)
- Magenta (44%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.9900, 42.6320, 42.3760 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 174.9900, 42.6320, 42.3760 by changing the saturation by 10% instead.

174.9900, 42.6320,
42.3760

174.9900, 42.6320,
42.3760

255.0000, -0.0000,
-0.0000

147.3920, 41.4400,
41.9520

217.4320, 17.6000,
33.4720

120.3810, 39.9730,
41.0050

234.4550, 9.6250,
18.3050

93.1960, 39.0560,
41.1040

251.4780, 1.6500,
3.1380

64.9510, 38.3680,
42.5600

38.4070, 37.0840,
43.8040

28.0110, 28.9710,
31.1390

18.8540, 21.6830,

20.0430

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 174.9900, 42.6320,
42.3760

■ 174.9900, 42.6320,
42.3760

■ 159.7620, 52.4420,
51.8180

■ 190.2180, 32.8220,
32.9340

■ 144.6480, 61.9310,
61.5710

■ 205.3320, 23.3330,
23.1810

■ 128.8330, 72.0160,
71.5360

■ 221.1470, 13.2480,
13.2160

■ 113.7190, 81.5050,
81.2890

■ 236.2610, 3.7590,
3.4630

■ 98.4910, 91.3150,
90.7310

■ 250.3150, -5.5010,
-4.9330

■ 89.0020, 97.3660,
96.7100

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



175.3840, 0.3600, 37.5440



174.9900, 42.6320, 42.3760



171.1710, 66.5670, 32.6070

Triad

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



174.9900, 42.6320, 42.3760



164.7360, 34.7130, -28.8950



139.1520, -127.2720, -28.2640

Complementary

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



174.9900, 42.6320, 42.3760



203.0100, -42.6320, -42.3760

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.



135.4240, -114.0190, -42.6830



174.9900, 42.6320, 42.3760



159.1530, -6.3660, -38.8300

Square

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



174.9900, 42.6320, 42.3760



168.7600, 61.6690, -10.8030



145.2230, -65.2810, -44.9050



136.4910, -132.1800, -16.4040

Rectangle

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



174.9900, 42.6320, 42.3760



171.0880, 73.6300, 20.2380



145.2230, -65.2810, -44.9050



138.2570, -123.3740, -32.8300

Sweetspot

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



174.9900, 42.6320, 42.3760



234.1470, 13.2480, 13.2160



160.3430, -9.5900, 41.6580



114.6470, 8.6640, 8.1840



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.



174.9900, 42.6320, 42.3760



169.5990, 54.4590, 53.8110



169.0620, 59.3240, 26.2040



112.3860, 4.9050, 4.7210



67.6700, 74.0330, 73.5290



20.6200, 22.4620, 22.4460

Inverse Universe

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



174.9900, 42.6320, 42.3760



169.5990, 54.4590, 53.8110



208.9380, -59.3240, -26.2040



112.3860, 4.9050, 4.7210



67.6700, 74.0330, 73.5290



20.6200, 22.4620, 22.4460

Previews

White Background



This preview shows how the YIQ color 174.9900, 42.6320, 42.3760 looks on a white background.

Color Contrast Check

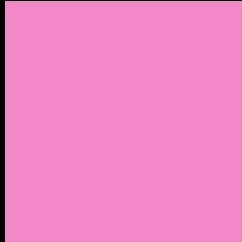
Large Text (above 18pt) WCAG AA × Fail

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 174.9900, 42.6320, 42.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

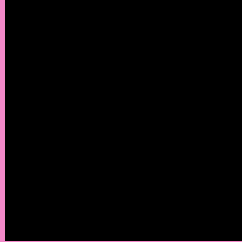
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.9900, 42.6320, 42.3760

Background



This preview shows how black text looks on a background with the YIQ color 174.9900, 42.6320, 42.3760.



This preview shows how white text looks on a background with the YIQ color 174.9900, 42.6320,

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

174.9900, 42.6320, 42.3760

Protanopia

171.5680, -24.4860, 14.2500

Deuteranopia

173.1820, -3.0280, 10.8280



Tritanopia

173.7620, 51.3010, 22.9250

Trichromacy



Original Color

174.9900, 42.6320, 42.3760



Protanomaly

172.8810, -0.1420, 24.6100



Deuteranomaly

174.1290, 13.6590, 22.2910



Tritanomaly

174.4230, 48.1820, 29.8940

Monochromacy



Original Color

174.9900, 42.6320, 42.3760



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.9840, 15.2650, 15.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9900, 42.6320, 42.3760 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(242, 136, 200)` looks like.

```
.text, #text, p{  
    color:rgb(242, 136, 200)  
}
```

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(242, 136, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 136, 200) }
```

Border

The CSS property to change the border of an element to YIQ 174.9900, 42.6320, 42.3760 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(242, 136, 200) }
```


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

```
.border{ border-color:rgb(242, 136, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 136, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 136, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 136, 200);  
box-shadow:4px 4px 4px 4px rgb(242, 136,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9900, 42.6320, 42.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 136, 200) }
```

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

```
.background{ background-color: rgb(242,  
136, 200) }
```

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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