

Converting Colors

YIQ(152.3870, 75.3670, 49.3430)

Have a look what the booklet for
YIQ(152.3870, 75.3670, 49.3430)
contains.

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Color

**YIQ(152.3870, 75.3670,
49.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6499
RGB	255, 100, 153
RGB Percent	100%, 39%, 60%
CMY	0.0000, 0.6081, 0.3997
CMYK	0.00, 0.61, 0.40, 0.00
HSL	339°, 100%, 70%
HSV	339°, 61%, 100%
XYZ	51.5461, 32.6640, 33.7535
YIQ	152.3870, 75.3670, 49.3430

Conversions

Conversions Part 2

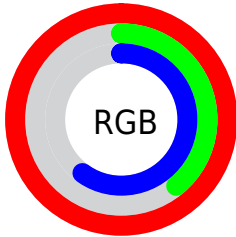
Format	Color
R_{YB}	255, 100, 153
Decimal	16737433
CIE _{Lab}	63.89, 63.40, 2.38
CIE _{LCh}	64, 63.446, 2.150
Yxy	32.6640, 0.4370, 0.2769
Android (android.graphics.Color)	4294927513 (0xFFFF6499)
YUV	152.3870, 0.3022, 89.9916
Hunter-Lab	57.1524, 60.9737, 4.9907

Details

The YIQ color **152.3870, 75.3670, 49.3430** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.6130, -75.3670, -49.3430**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.0020, 42.3580, 36.3260**, and **91.9400, 72.4320, 52.9760** is the 20% darker color. If you saturate the color by 10%, you get **135.1870, 87.9740, 57.6540**, and if you desaturate by 10%, it is **169.0000, 63.0350, 41.5550**.

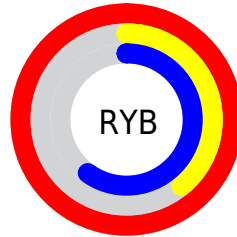
Distribution



Red (100%)

Green (39%)

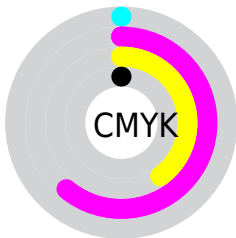
Blue (60%)



Red (100%)

Yellow (39%)

Blue (60%)

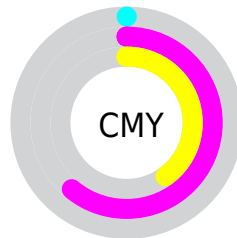


Cyan (0%)

Magenta (61%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.3870, 75.3670, 49.3430 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 152.3870, 75.3670, 49.3430 by changing the saturation by 10% instead.


 152.3870, 75.3670,
49.3430


 152.3870, 75.3670,
49.3430


255.0000, -0.0000,
-0.0000


 123.1310, 73.2120,
49.8520

 192.0020, 42.3580,
36.3260


 91.9400, 72.4320,
52.9760


 212.2170, 25.3950,
29.8670


 57.9280, 72.7060,
59.0260

 231.5200, 11.0000,
20.9200

 46.4500, 61.8880,
45.8240

 249.1300, 2.7500,
5.2300

 35.3850, 51.3450,
33.1450

 24.3910, 42.0400,
20.0560

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 152.3870, 75.3670,
49.3430

■ 152.3870, 75.3670,
49.3430

■ 135.1870, 87.9740,
57.6540

■ 169.0000, 63.0350,
41.5550

■ 118.6880, 99.9850,
65.7530

■ 186.2000, 50.4280,
33.2440

■ 101.4880,
112.5920, 74.0640

■ 202.6990, 38.4170,
25.1450

■ 86.1630, 124.0530,
81.1170

■ 219.8990, 25.8100,
16.8340

■ 236.5120, 13.4780,
9.0460

253.7120, 0.8710,
0.7350

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



157.7310, 36.5320, 53.8120



152.3870, 75.3670, 49.3430



150.5030, 88.7590, 26.8950

Triad

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



152.3870, 75.3670, 49.3430



141.3810, 10.1870, -46.9730



131.0940, -129.3840, -12.0080

Complementary

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



152.3870, 75.3670, 49.3430



202.6130, -75.3670, -49.3430

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.



130.6430, -118.4690, -28.1090



152.3870, 75.3670, 49.3430



118.1640, -75.9610, -60.6090

Square

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



152.3870, 75.3670, 49.3430



146.3670, 57.5010, -34.3950



124.1450, -100.1720, -45.8360



122.9900, -125.8550, -4.3750

Rectangle

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



152.3870, 75.3670, 49.3430



150.8760, 85.3700, 5.7060



124.1450, -100.1720, -45.8360



131.6010, -126.6780, -16.9980

Sweetspot

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



152.3870, 75.3670, 49.3430



224.5780, 22.2800, 14.7280



147.8690, 10.4410, 69.6170



108.8110, 14.0740, 9.2580



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.



152.3870, 75.3670, 49.3430



131.9100, 90.3120, 59.3360



159.8460, 86.0550, 20.8310



119.3430, 6.4640, 4.0000



64.6330, 92.6500, 61.0180



21.6440, 31.0820, 20.4100

Inverse Universe

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



152.3870, 75.3670, 49.3430



131.9100, 90.3120, 59.3360



195.1540, -86.0550, -20.8310



119.3430, 6.4640, 4.0000



64.6330, 92.6500, 61.0180



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 152.3870, 75.3670, 49.3430 looks on a white background.

Color Contrast Check

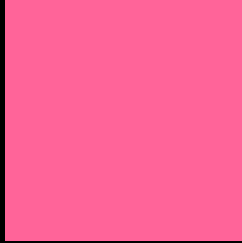
Large Text (above 18pt) WCAG AA × Fail

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 152.3870, 75.3670, 49.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

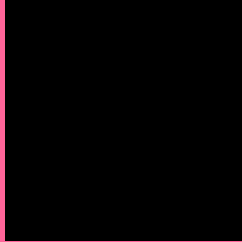
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.3870, 75.3670, 49.3430

Background



This preview shows how black text looks on a background with the YIQ color 152.3870, 75.3670, 49.3430.



This preview shows how white text looks on a background with the YIQ color 152.3870, 75.3670,

49.3430.

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

152.3870, 75.3670, 49.3430

Protanopia

156.0390, -12.9310, 8.5810

Deuteranopia

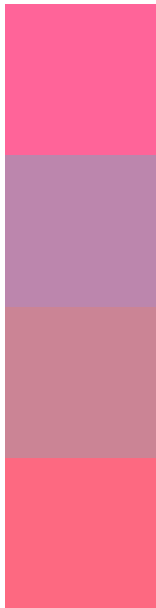
156.7200, 15.5880, 3.8440



Tritanopia

151.8540, 83.5770, 32.7050

Trichromacy



Original Color

152.3870, 75.3670, 49.3430

Protanomaly

154.5920, 19.6650, 23.5770

Deuteranomaly

155.1670, 36.8590, 20.3390

Tritanomaly

151.9880, 80.5040, 38.8400

Monochromacy



Original Color

152.3870, 75.3670, 49.3430

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.9100, 27.2770, 17.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.3870, 75.3670, 49.3430 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, 100, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 153)  
}
```

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, 100, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 153) }
```

Border

The CSS property to change the border of an element to YIQ 152.3870, 75.3670, 49.3430 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, 100, 153) }
```


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

```
.border{ border-color:rgb(255, 100, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 100, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 152.3870, 75.3670, 49.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 153) }
```

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

```
.background{ background-color: rgb(255,  
100, 153) }
```

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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