

Converting Colors

YIQ(138.9320, 76.0510, 69.9950)

Have a look what the booklet for
YIQ(138.9320, 76.0510, 69.9950)
contains.

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Color

**YIQ(138.9320, 76.0510,
69.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	FF49AE
RGB	255, 73, 174
RGB Percent	100%, 29%, 68%
CMY	0.0000, 0.7140, 0.3174
CMYK	0.00, 0.71, 0.32, 0.00
HSL	327°, 100%, 64%
HSV	327°, 71%, 100%
XYZ	51.2631, 29.0733, 42.9834
YIQ	138.9320, 76.0510, 69.9950

Conversions

Conversions Part 2

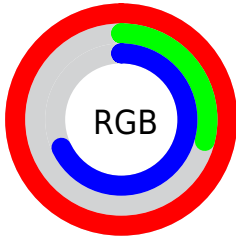
Format	Color
R_{YB}	255, 73, 174
Decimal	16730542
CIE _{Lab}	60.85, 75.76, -14.22
CIE _{LCh}	61, 77.087, 349.368
Yxy	29.0733, 0.4157, 0.2358
Android (android.graphics.Color)	4294920622 (0xFFFF49AE)
YUV	138.9320, 17.2885, 101.7916
Hunter-Lab	53.9197, 75.3461, -9.5207

Details

The YIQ color **138.9320, 76.0510, 69.9950** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **189.0680, -76.0510, -69.9950**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7100, 41.0250, 54.9850**, and **71.9140, 76.4620, 79.0700** is the 20% darker color. If you saturate the color by 10%, you get **122.4160, 86.7320, 80.1720**, and if you desaturate by 10%, it is **154.8610, 65.6450, 60.3410**.

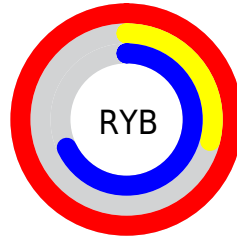
Distribution



Red (100%)

Green (29%)

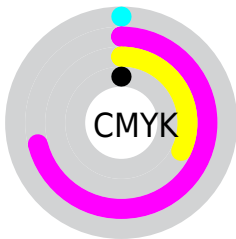
Blue (68%)



Red (100%)

Yellow (29%)

Blue (68%)

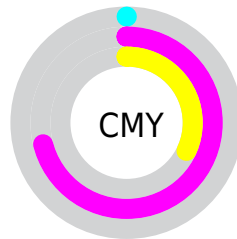


Cyan (0%)

Magenta (71%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.9320, 76.0510, 69.9950 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 138.9320, 76.0510, 69.9950 by changing the saturation by 10% instead.


 138.9320, 76.0510,
69.9950


 138.9320, 76.0510,
69.9950


255.0000, -0.0000,
-0.0000


 103.6920, 76.9670,
75.4230


 181.7100, 41.0250,
54.9850


 71.9140, 76.4620,
79.0700


 201.5830, 25.0250,
47.5930

 59.7950, 66.0110,
64.7230


 219.1930, 16.7750,
31.9030

 48.3880, 56.4310,
51.1110

 236.8030, 8.5250,
16.2130

 36.7960, 45.9340,
37.5980

254.4130, 0.2750,
0.5230

 26.4430, 36.2620,
25.6540

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 138.9320, 76.0510,
69.9950

■ 138.9320, 76.0510,
69.9950

■ 122.4160, 86.7320,
80.1720

■ 154.8610, 65.6450,
60.3410

■ 106.3730, 97.4590,
89.5150

■ 171.4910, 54.6430,
50.4750

■ 92.4330, 106.3980,
98.2220

■ 187.4200, 44.2370,
40.8210

■ 203.9360, 33.5560,
30.6440

■ 219.9790, 22.8290,
21.3010

236.4950, 12.1480,
11.1240

252.4240, 1.7420,
1.4700

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.



149.9370, 15.7610, 61.3050



138.9320, 76.0510, 69.9950



131.1800, 97.8790, 48.8470

Triad

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



138.9320, 76.0510, 69.9950



132.5240, 37.2850, -53.4910



130.6380, -128.1000, -13.2520

Complementary

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



138.9320, 76.0510, 69.9950



189.0680, -76.0510, -69.9950

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.



125.5590, -109.6650, -33.4810



138.9320, 76.0510, 69.9950



114.5420, -42.2150, -66.4630

Square

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



138.9320, 76.0510, 69.9950



138.1480, 80.2870, -28.8410



116.8780, -86.5990, -55.0390



124.1640, -126.4050, -5.4210

Rectangle

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



138.9320, 76.0510, 69.9950



137.4200, 104.9900, 24.5900



116.8780, -86.5990, -55.0390



129.1730, -122.5970, -19.3730

Sweetspot

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



138.9320, 76.0510, 69.9950



220.5660, 22.5540, 20.7780



117.3690, -11.3380, 73.3500



107.5060, 13.6150, 12.0710



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.



138.9320, 76.0510, 69.9950



115.3890, 91.3620, 84.3700



128.7860, 104.6200, 42.3160



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530

Inverse Universe

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



138.9320, 76.0510, 69.9950



115.3890, 91.3620, 84.3700



199.2140, -104.6200, -42.3160



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 138.9320, 76.0510, 69.9950 looks on a white background.

Color Contrast Check

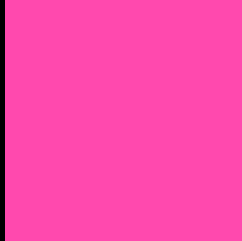
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9320, 76.0510, 69.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

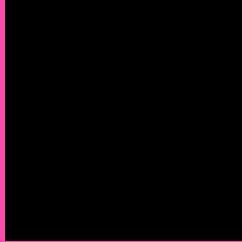
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.9320, 76.0510, 69.9950

Background



This preview shows how black text looks on a background with the YIQ color 138.9320, 76.0510, 69.9950.



This preview shows how white text looks on a background with the YIQ color 138.9320, 76.0510,

69.9950.

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

138.9320, 76.0510, 69.9950

Protanopia

146.2320, -40.8550, 19.0570

Deuteranopia

148.3840, -0.7810, 8.6510



Tritanopia

140.3280, 91.0500, 34.9380

Trichromacy



Original Color

138.9320, 76.0510, 69.9950



Protanomaly

143.5690, 1.2770, 37.4450



Deuteranomaly

145.2280, 26.8620, 30.8140



Tritanomaly

139.8950, 85.5000, 47.4200

Monochromacy



Original Color

138.9320, 76.0510, 69.9950



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

138.9520, 27.4590, 25.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9320, 76.0510, 69.9950 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, 73, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 174)  
}
```

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, 73, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 174) }
```

Border

The CSS property to change the border of an element to YIQ 138.9320, 76.0510, 69.9950 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, 73, 174) }
```


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

```
.border{ border-color:rgb(255, 73, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 73, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9320, 76.0510, 69.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 174) }
```

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

```
.background{ background-color: rgb(255, 73,  
174) }
```

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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