

Converting Colors

YIQ(152.5420, 59.7740, 73.1340)

Have a look what the booklet for
YIQ(152.5420, 59.7740, 73.1340)
contains.

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Color

**YIQ(152.5420, 59.7740,
73.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	FF59D3
RGB	255, 89, 211
RGB Percent	100%, 35%, 83%
CMY	0.0000, 0.6512, 0.1724
CMYK	0.00, 0.65, 0.17, 0.00
HSL	316°, 100%, 67%
HSV	316°, 65%, 100%
XYZ	56.5690, 33.0982, 65.0590
YIQ	152.5420, 59.7740, 73.1340

Conversions

Conversions Part 2

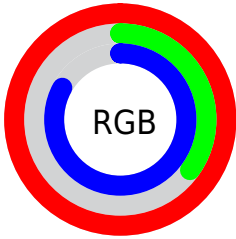
Format	Color
R _{YB}	255, 89, 211
Decimal	16734675
CIE Lab	64.24, 74.72, -30.11
CIE LCh	64, 80.556, 338.053
Yxy	33.0982, 0.3656, 0.2139
Android (android.graphics.Color)	4294924755 (0xFFFF59D3)
YUV	152.5420, 28.8198, 89.8557
Hunter-Lab	57.5310, 74.8360, -26.7765

Details

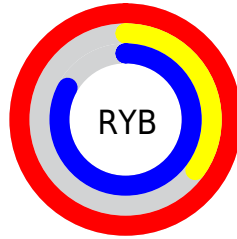
The YIQ color **152.5420, 59.7740, 73.1340** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **191.4580, -59.7740, -73.1340**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.7780, 29.1500, 55.4380**, and **77.8500, 65.3190, 88.2870** is the 20% darker color. If you saturate the color by 10%, you get **136.4820, 69.1710, 84.5550**, and if you desaturate by 10%, it is **168.0150, 50.6520, 62.2360**.

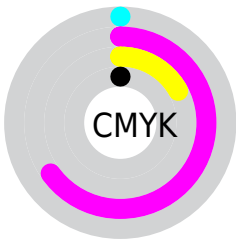
Distribution



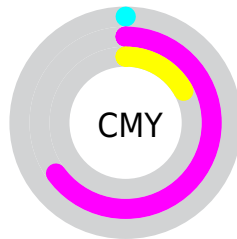
- Red (100%)
- Green (35%)
- Blue (83%)



- Red (100%)
- Yellow (35%)
- Blue (83%)



- Cyan (0%)
- Magenta (65%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.5420, 59.7740, 73.1340 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 152.5420, 59.7740, 73.1340 by changing the saturation by 10% instead.


 152.5420, 59.7740,
73.1340


 152.5420, 59.7740,
73.1340


255.0000, -0.0000,
-0.0000


 121.0090, 59.9570,
75.3250


 192.7780, 29.1500,
55.4380


 77.8500, 65.3190,
88.2870


 209.8010, 21.1750,
40.2710


 64.1550, 56.6100,
75.4100

 227.4110, 12.9250,
24.5810

 52.5200, 47.6720,
61.1760

 245.0210, 4.6750,
8.8910

 41.1130, 38.0920,
47.5640

 30.1190, 28.7870,
34.4750

 19.4240, 20.0780,

21.5980

■ 4.9840, 6.0970,
5.1450

■ 0.0000, 0.0000,
0.0000

■ 152.5420, 59.7740,
73.1340

■ 152.5420, 59.7740,
73.1340

■ 136.4820, 69.1710,
84.5550

■ 168.0150, 50.6520,
62.2360

■ 121.1230, 77.9720,
95.7640

■ 184.0750, 41.2550,
50.8150

■ 105.0630, 87.3690,
107.1850

■ 199.4340, 32.4540,
39.6060

■ 97.5630, 91.9530,
112.2170

■ 215.4940, 23.0570,
28.1850

230.9670, 13.9350,
17.2870

247.0270, 4.5380,
5.8660

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.



157.4390, -9.5000, 51.0440



152.5420, 59.7740, 73.1340



134.4690, 87.2400, 59.9440

Triad

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



152.5420, 59.7740, 73.1340



144.1630, 57.5950, -47.1170



136.8840, -129.1530, -21.7050

Complementary

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



152.5420, 59.7740, 73.1340



191.4580, -59.7740, -73.1340

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.



130.1920, -107.5540, -44.2100



152.5420, 59.7740, 73.1340



131.7040, 1.0670, -68.9250

Square

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



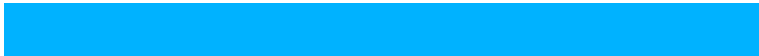
152.5420, 59.7740, 73.1340



145.9550, 100.1840, -20.4880



119.1800, -82.0580, -65.7540



133.5560, -130.8050, -13.7890

Rectangle

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



152.5420, 59.7740, 73.1340



137.3290, 98.4770, 38.0050



119.1800, -82.0580, -65.7540



135.0770, -122.6870, -28.7590

Sweetspot

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



152.5420, 59.7740, 73.1340



223.4670, 18.5190, 22.3190



120.1830, -28.8500, 60.3180



108.7770, 11.4140, 13.4140



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.



152.5420, 59.7740, 73.1340



132.1450, 71.7380, 87.5940



143.3080, 85.7750, 47.9430



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Inverse Universe

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



152.5420, 59.7740, 73.1340



132.1450, 71.7380, 87.5940



200.5780, -85.4540, -48.2540



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 152.5420, 59.7740, 73.1340 looks on a white background.

Color Contrast Check

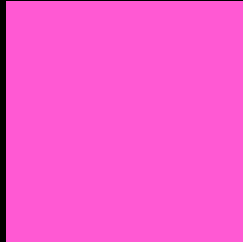
Large Text (above 18pt) WCAG AA × Fail

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 152.5420, 59.7740, 73.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

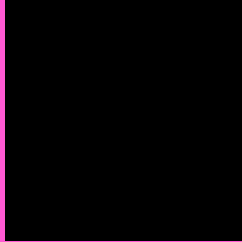
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.5420, 59.7740, 73.1340

Background



This preview shows how black text looks on a background with the YIQ color 152.5420, 59.7740, 73.1340.



This preview shows how white text looks on a background with the YIQ color 152.5420, 59.7740,

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

152.5420, 59.7740, 73.1340

Protanopia

153.2660, -55.3900, 23.6660

Deuteranopia

156.6780, -18.9840, 13.6560



Tritanopia

153.6790, 76.7000, 30.6840

Trichromacy



Original Color

152.5420, 59.7740, 73.1340



Protanomaly

153.1900, -13.5330, 41.5310



Deuteranomaly

155.2940, 9.3010, 35.1970



Tritanomaly

153.0550, 70.3700, 46.2900

Monochromacy



Original Color

152.5420, 59.7740, 73.1340



Achromatopsia

153.0000, 0.0000, -0.0000



Achromatomaly

152.9560, 21.6360, 26.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.5420, 59.7740, 73.1340 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, 89, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 211)  
}
```

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, 89, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 211) }
```

Border

The CSS property to change the border of an element to YIQ 152.5420, 59.7740, 73.1340 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, 89, 211) }
```


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

```
.border{ border-color:rgb(255, 89, 211) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 152.5420, 59.7740, 73.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 211) }
```

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

```
.background{ background-color: rgb(255, 89,  
211) }
```

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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