

Converting Colors

YIQ(142.9020, 75.5950, 56.2270)

Have a look what the booklet for
YIQ(142.9020, 75.5950, 56.2270)
contains.

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Color

**YIQ(142.9020, 75.5950,
56.2270)**

Conversions

Conversions Part 1

Format	Color
Hex	FA569B
RGB	250, 86, 155
RGB Percent	98%, 34%, 61%
CMY	0.0192, 0.6630, 0.3919
CMYK	0.00, 0.66, 0.38, 0.02
HSL	335°, 94%, 66%
HSV	335°, 66%, 98%
XYZ	48.7079, 29.3577, 34.1374
YIQ	142.9020, 75.5950, 56.2270

Conversions

Conversions Part 2

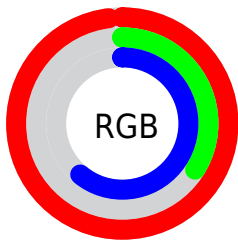
Format	Color
R _Y B	250, 86, 155
Decimal	16406171
CIE Lab	61.10, 67.81, -2.94
CIE LCh	61, 67.874, 357.513
Yxy	29.3577, 0.4341, 0.2616
Android (android.graphics.Color)	4294596251 (0xFFFA569B)
YUV	142.9020, 5.9643, 93.9249
Hunter-Lab	54.1827, 65.6440, 0.5727

Details

The YIQ color **142.9020, 75.5950, 56.2270** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **193.0980, -75.5950, -56.2270**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5990, 45.2910, 43.7470**, and **71.8890, 77.6100, 69.2740** is the 20% darker color. If you saturate the color by 10%, you get **126.6310, 86.9640, 64.9480**, and if you desaturate by 10%, it is **159.2870, 63.9050, 47.8170**.

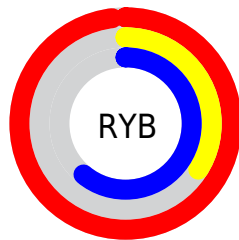
Distribution



Red (98%)

Green (34%)

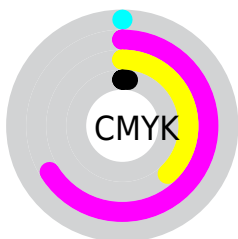
Blue (61%)



Red (98%)

Yellow (34%)

Blue (61%)

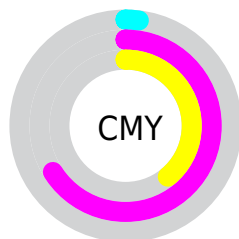


Cyan (0%)

Magenta (66%)

Yellow (38%)

Black (2%)



Cyan (2%)


Magenta (66%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.9020, 75.5950, 56.2270 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 142.9020, 75.5950, 56.2270 by changing the saturation by 10% instead.


 142.9020, 75.5950,
56.2270


 142.9020, 75.5950,
56.2270


255.0000, -0.0000,
-0.0000


 111.8850, 74.2650,
58.3050


 184.5990, 45.2910,
43.7470


 71.8890, 77.6100,
69.2740


 204.9280, 28.0070,
37.5990


 56.6610, 69.0840,
58.5880

 224.4760, 14.3000,
27.1960

 45.0690, 58.5870,
45.0750

 241.4990, 6.3250,
12.0290

 34.0040, 48.0440,
32.3960

 23.4230, 39.0140,
19.8300

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 142.9020, 75.5950,
56.2270

■ 142.9020, 75.5950,
56.2270

■ 126.6310, 86.9640,
64.9480

■ 159.2870, 63.9050,
47.8170

■ 110.2460, 98.6540,
73.3580

■ 175.5580, 52.5360,
39.0960

■ 93.9750, 110.0230,
82.0790

■ 191.9430, 40.8460,
30.6860

■ 86.7200, 115.2950,
85.6550

■ 208.2140, 29.4770,
21.9650

■ 224.4850, 18.1080,
13.2440

240.8700, 6.4180,
4.8340

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



149.9030, 30.2960, 56.6960



142.9020, 75.5950, 56.2270



141.1710, 92.9300, 33.9060

Triad

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



142.9020, 75.5950, 56.2270



132.6780, 22.2920, -51.5960



127.4750, -126.0830, -11.2590

Complementary

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



142.9020, 75.5950, 56.2270



193.0980, -75.5950, -56.2270

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.



125.6390, -112.6460, -29.0140



142.9020, 75.5950, 56.2270



109.3940, -70.9170, -63.9170

Square

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



142.9020, 75.5950, 56.2270



137.7610, 67.9550, -36.6290



118.6850, -93.0650, -47.9850



120.6420, -124.7550, -2.2830

Rectangle

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



142.9020, 75.5950, 56.2270



141.9740, 91.1460, 11.1620



118.6850, -93.0650, -47.9850



127.7540, -122.7350, -16.8710

Sweetspot

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



142.9020, 75.5950, 56.2270



221.6430, 23.6550, 17.3430



132.5030, 2.7840, 70.7200



107.7510, 14.3030, 10.6150



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.



142.9020, 75.5950, 56.2270



123.6750, 92.8320, 68.7360



141.4930, 94.7190, 29.0150



116.5710, 5.8220, 4.6220



65.5170, 87.2850, 64.6370



21.2030, 28.0100, 21.0180

Inverse Universe

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



142.9020, 75.5950, 56.2270



123.6750, 92.8320, 68.7360



194.5070, -94.7190, -29.0150



116.5710, 5.8220, 4.6220



65.5170, 87.2850, 64.6370



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 142.9020, 75.5950, 56.2270 looks on a white background.

Color Contrast Check

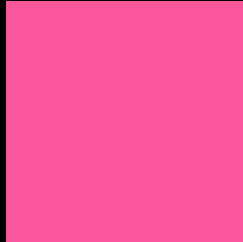
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.9020, 75.5950, 56.2270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

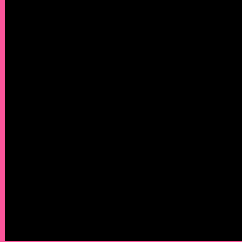
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.9020, 75.5950, 56.2270

Background



This preview shows how black text looks on a background with the YIQ color 142.9020, 75.5950, 56.2270.



This preview shows how white text looks on a background with the YIQ color 142.9020, 75.5950,

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

142.9020, 75.5950, 56.2270

Protanopia

148.0690, -21.6430, 12.2850

Deuteranopia

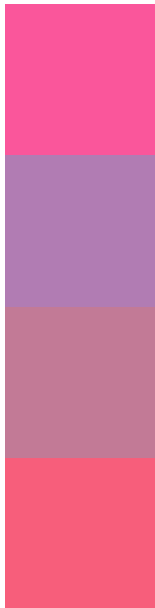
149.1370, 10.0400, 5.2720



Tritanopia

142.9360, 86.2820, 33.2420

Trichromacy



Original Color

142.9020, 75.5950, 56.2270

Protanomaly

146.1170, 13.9330, 28.3410

Deuteranomaly

146.7200, 33.9240, 23.9720

Tritanomaly

143.0530, 81.8790, 41.4550

Monochromacy



Original Color

142.9020, 75.5950, 56.2270

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.7900, 27.7350, 20.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.9020, 75.5950, 56.2270 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(250, 86, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 86, 155)  
}
```

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(250, 86, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 86, 155) }
```

Border

The CSS property to change the border of an element to YIQ 142.9020, 75.5950, 56.2270 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(250, 86, 155) }
```


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

```
.border{ border-color:rgb(250, 86, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 86, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 86, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 86, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 86,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 142.9020, 75.5950, 56.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 86, 155) }
```

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

```
.background{ background-color: rgb(250, 86,  
155) }
```

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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