

Converting Colors

YIQ(132.6570, 84.0750, 67.7470)

Have a look what the booklet for
YIQ(132.6570, 84.0750, 67.7470)
contains.

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Color

**YIQ(132.6570, 84.0750,
67.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	FF429B
RGB	255, 66, 155
RGB Percent	100%, 26%, 61%
CMY	0.0000, 0.7414, 0.3919
CMYK	0.00, 0.74, 0.39, 0.00
HSL	332°, 100%, 63%
HSV	332°, 74%, 100%
XYZ	49.1057, 27.5160, 33.7630
YIQ	132.6570, 84.0750, 67.7470

Conversions

Conversions Part 2

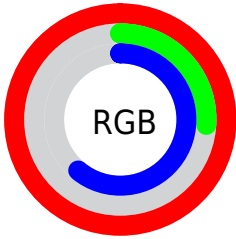
Format	Color
R _Y B	255, 66, 155
Decimal	16728731
CIE Lab	59.45, 76.00, -5.29
CIE LCh	59, 76.179, 356.021
Yxy	27.5160, 0.4449, 0.2493
Android (android.graphics.Color)	4294918811 (0xFFFF429B)
YUV	132.6570, 11.0151, 107.2948
Hunter-Lab	52.4557, 75.3028, -1.4429

Details

The YIQ color **132.6570, 84.0750, 67.7470** 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 **188.3430, -84.0750, -67.7470**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.7940, 49.4160, 51.5920**, and **69.5630, 81.6440, 73.2600** is the 20% darker color. If you saturate the color by 10%, you get **115.9130, 95.3980, 77.3020**, and if you desaturate by 10%, it is **148.9280, 72.7060, 59.0260**.

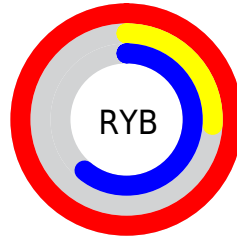
Distribution



Red (100%)

Green (26%)

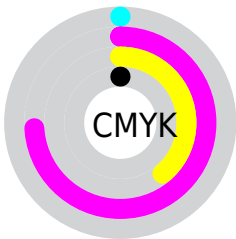
Blue (61%)



Red (100%)

Yellow (26%)

Blue (61%)

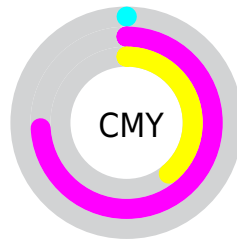


Cyan (0%)

Magenta (74%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (74%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.6570, 84.0750, 67.7470 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 132.6570, 84.0750, 67.7470 by changing the saturation by 10% instead.


 132.6570, 84.0750,
67.7470


 132.6570, 84.0750,
67.7470


255.0000, -0.0000,
-0.0000


 94.5960, 86.0450,
76.1010


 175.7940, 49.4160,
51.5920


 69.5630, 81.6440,
73.2600


 196.7100, 31.8570,
44.9210

 57.5580, 70.8720,
59.2240


 216.2580, 18.1500,
34.5180

 45.9660, 60.3750,
45.7110

 233.8680, 9.9000,
18.8280

 34.6020, 49.2360,
32.8200

 251.4780, 1.6500,
3.1380

 24.0210, 40.2060,
20.2540

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 132.6570, 84.0750,
67.7470

■ 132.6570, 84.0750,
67.7470

■ 115.9130, 95.3980,
77.3020

■ 148.9280, 72.7060,
59.0260

■ 99.6420, 106.7670,
86.0230

■ 165.6720, 61.3830,
49.4710

■ 89.9250, 113.4600,
91.3800

■ 181.9430, 50.0140,
40.7500

■ 198.6870, 38.6910,
31.1950

■ 214.8440, 27.6430,
22.1630

■ 231.7020, 15.9990,
12.9190

■ 247.8590, 4.9510,
3.8870

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.



144.7170, 31.1200, 63.7920



132.6570, 84.0750, 67.7470



131.0030, 102.5110, 41.9910

Triad

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



132.6570, 84.0750, 67.7470



126.2560, 26.2360, -56.9960



127.5720, -127.7340, -8.8700

Complementary

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



132.6570, 84.0750, 67.7470



188.3430, -84.0750, -67.7470

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.



124.3510, -111.7750, -28.2790



132.6570, 84.0750, 67.7470



105.0970, -65.8270, -68.0590

Square

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



132.6570, 84.0750, 67.7470



134.2390, 69.6050, -33.4910



116.0120, -89.6720, -48.9040



119.4680, -124.2050, -1.2370

Rectangle

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



132.6570, 84.0750, 67.7470



134.3560, 101.8740, 14.9780



116.0120, -89.6720, -48.9040



127.0360, -123.4690, -14.5810

Sweetspot

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



132.6570, 84.0750, 67.7470



218.7080, 25.0300, 19.9580



116.8480, -2.2610, 79.5550



105.9900, 15.1280, 12.1840



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.



132.6570, 84.0750, 67.7470



108.0710, 100.9450, 81.4010



124.2720, 111.8190, 38.4990



119.5710, 5.8220, 4.6220



67.3690, 84.9460, 68.4820



22.5560, 28.5140, 22.8980

Inverse Universe

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



132.6570, 84.0750, 67.7470



108.0710, 100.9450, 81.4010



196.7280, -111.8190, -38.4990



119.5710, 5.8220, 4.6220



67.3690, 84.9460, 68.4820



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 132.6570, 84.0750, 67.7470 looks on a white background.

Color Contrast Check

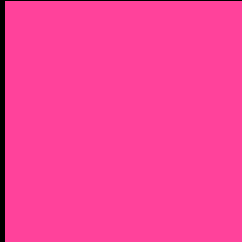
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.6570, 84.0750, 67.7470 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 132.6570, 84.0750, 67.7470

Background



This preview shows how black text looks on a background with the YIQ color 132.6570, 84.0750, 67.7470.



This preview shows how white text looks on a background with the YIQ color 132.6570, 84.0750,

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

132.6570, 84.0750, 67.7470

Protanopia

143.0990, -30.3550, 15.9890

Deuteranopia

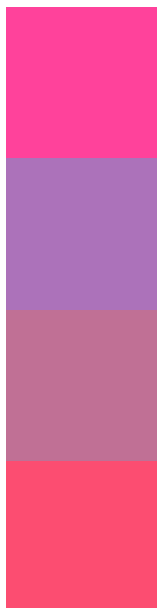
144.8810, 7.8850, 5.7810



Tritanopia

134.5030, 97.9270, 36.9590

Trichromacy



Original Color

132.6570, 84.0750, 67.7470

Protanomaly

139.5500, 11.4560, 34.6880

Deuteranomaly

140.1380, 35.8030, 28.4670

Tritanomaly

133.4290, 92.7440, 48.2960

Monochromacy



Original Color

132.6570, 84.0750, 67.7470

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9800, 30.2560, 24.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.6570, 84.0750, 67.7470 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, 66, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 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(255, 66, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 155) }
```

Border

The CSS property to change the border of an element to YIQ 132.6570, 84.0750, 67.7470 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, 66, 155) }
```


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

```
.border{ border-color:rgb(255, 66, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 132.6570, 84.0750, 67.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 155) }
```

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

```
.background{ background-color: rgb(255, 66,  
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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