

Converting Colors

YIQ(107.8030, 107.0910,
69.1310)

Have a look what the booklet for
YIQ(107.8030, 107.0910, 69.1310)
contains.

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Color

**YIQ(107.8030, 107.0910,
69.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	FD226B
RGB	253, 34, 107
RGB Percent	99%, 13%, 42%
CMY	0.0073, 0.8669, 0.5800
CMYK	0.00, 0.87, 0.58, 0.01
HSL	340°, 98%, 56%
HSV	340°, 87%, 99%
XYZ	43.7888, 23.1121, 16.0890
YIQ	107.8030, 107.0910, 69.1310

Conversions

Conversions Part 2

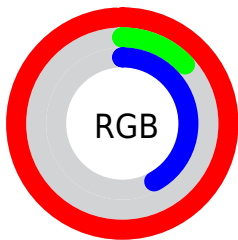
Format	Color
R_{YB}	253, 34, 107
Decimal	16589419
CIE Lab	55.19, 79.33, 17.00
CIE LCh	55, 81.128, 12.097
Yxy	23.1121, 0.5276, 0.2785
Android (android.graphics.Color)	4294779499 (0xFFFD226B)
YUV	107.8030, -0.3959, 127.3378
Hunter-Lab	48.0750, 78.4542, 13.8103

Details

The YIQ color **107.8030, 107.0910, 69.1310** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **179.1970, -107.0910, -69.1310**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6530, 71.5620, 46.7140**, and **63.3510, 93.3840, 58.7280** is the 20% darker color. If you saturate the color by 10%, you get **91.1900, 119.4230, 76.9190**, and if you desaturate by 10%, it is **124.4160, 94.7590, 61.3430**.

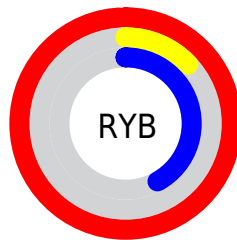
Distribution



Red (99%)

Green (13%)

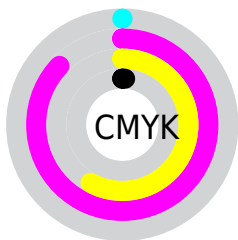
Blue (42%)



Red (99%)

Yellow (13%)

Blue (42%)

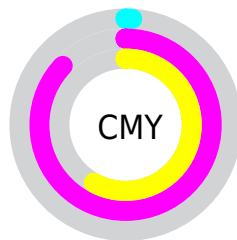


Cyan (0%)

Magenta (87%)

Yellow (58%)

Black (1%)



Cyan (1%)


Magenta (87%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.8030, 107.0910, 69.1310 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 107.8030, 107.0910, 69.1310 by changing the saturation by 10% instead.


 107.8030,
107.0910, 69.1310


 107.8030,
107.0910, 69.1310


255.0000, -0.0000,
-0.0000


 75.5410, 105.0730,
72.6650


 157.6530, 71.5620,
46.7140


 63.4650, 93.0630,
59.0390


 178.9280, 54.3700,
38.8980


 51.3890, 81.0530,
45.4130


 199.6160, 37.4530,
31.6050

 39.9540, 68.6760,
32.9320

 220.5320, 19.8940,
24.9340

 28.7470, 55.6570,
21.0730

 240.3250, 6.8750,
13.0750

 19.4780, 37.1810,
14.5010

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 107.8030,
107.0910, 69.1310

■ 107.8030,
107.0910, 69.1310

■ 91.1900, 119.4230,
76.9190

■ 124.4160, 94.7590,
61.3430

■ 85.2230, 123.8240,
79.7600

■ 141.6160, 82.1520,
53.0320

■ 158.2290, 69.8200,
45.2440

■ 174.8420, 57.4880,
37.4560

■ 191.9280, 45.2020,
28.8340

■ 208.5410, 32.8700,
21.0460

■ 225.1540, 20.5380,
13.2580

■ 241.7670, 8.2060,
5.4700

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



120.6680, 68.3470, 77.4590



107.8030, 107.0910, 69.1310



118.9210, 107.8330, 22.6250

Triad

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



107.8030, 107.0910, 69.1310



102.6680, -16.4470, -70.9030



118.2940, -123.6550, -0.1910

Complementary

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



107.8030, 107.0910, 69.1310



179.1970, -107.0910, -69.1310

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.



120.2710, -116.8210, -13.9170



107.8030, 107.0910, 69.1310



103.7240, -71.6060, -56.9340

Square

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



107.8030, 107.0910, 69.1310



121.0720, 41.9140, -43.7660



113.3340, -95.9100, -34.9660



106.5540, -118.1550, 10.2690

Rectangle

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



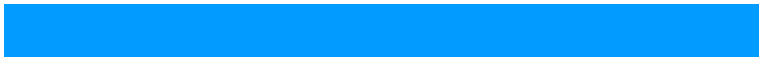
107.8030, 107.0910, 69.1310



122.6640, 97.1100, -8.8260



113.3340, -95.9100, -34.9660



120.6420, -124.7550, -2.2830

Sweetspot

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



107.8030, 107.0910, 69.1310



211.2420, 32.2740, 20.8340



101.4240, 14.3330, 98.2130



101.4420, 19.6670, 12.5230



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.



107.8030, 107.0910, 69.1310



85.9350, 124.6950, 80.4950



118.8520, 121.4490, 29.1690



119.3430, 6.4640, 4.0000



64.4050, 93.2920, 60.3960



21.5300, 31.4030, 20.0990

Inverse Universe

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



107.8030, 107.0910, 69.1310



85.9350, 124.6950, 80.4950



168.1480, -121.4490, -29.1690



119.3430, 6.4640, 4.0000



64.4050, 93.2920, 60.3960



21.5300, 31.4030, 20.0990

Previews

White Background



This preview shows how the YIQ color 107.8030, 107.0910, 69.1310 looks on a white background.

Color Contrast Check

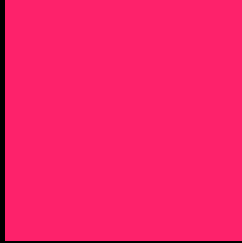
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.8030, 107.0910, 69.1310 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 107.8030, 107.0910, 69.1310

Background



This preview shows how black text looks on a background with the YIQ color 107.8030, 107.0910, 69.1310.



This preview shows how white text looks on a background with the YIQ color 107.8030, 107.0910, 69.1310.

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

107.8030, 107.0910, 69.1310

Protanopia

133.3830, -8.2080, 5.5840

Deuteranopia

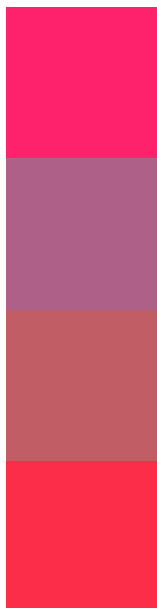
132.5500, 27.5100, -2.9700



Tritanopia

111.5010, 118.6040, 42.1880

Trichromacy



Original Color

107.8030, 107.0910, 69.1310

Protanomaly

123.8820, 33.6480, 28.9760

Deuteranomaly

123.5130, 56.4360, 23.4760

Tritanomaly

109.9710, 114.7050, 52.2810

Monochromacy



Original Color

107.8030, 107.0910, 69.1310

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.9980, 39.0130, 25.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.8030, 107.0910, 69.1310 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(253, 34, 107)` looks like.

```
.text, #text, p{  
    color:rgb(253, 34, 107)  
}
```

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(253, 34, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 34, 107) }
```

Border

The CSS property to change the border of an element to YIQ 107.8030, 107.0910, 69.1310 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(253, 34, 107) }
```


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

```
.border{ border-color:rgb(253, 34, 107) }
```

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

Here you see how a box with a 4 pixel rgb(253, 34, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 34, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 34, 107);  
box-shadow:4px 4px 4px 4px rgb(253, 34,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 107.8030, 107.0910, 69.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 34, 107) }
```

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

```
.background{ background-color: rgb(253, 34,  
107) }
```

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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