

Converting Colors

YIQ(91.8320, 109.2880, 89.8960)

Have a look what the booklet for
YIQ(91.8320, 109.2880, 89.8960)
contains.

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Color

**YIQ(91.8320, 109.2880,
89.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	FC047C
RGB	252, 4, 124
RGB Percent	99%, 2%, 49%
CMY	0.0111, 0.9845, 0.5134
CMYK	0.00, 0.98, 0.51, 0.01
HSL	331°, 98%, 50%
HSV	331°, 98%, 99%
XYZ	43.8922, 22.2691, 21.0826
YIQ	91.8320, 109.2880, 89.8960

Conversions

Conversions Part 2

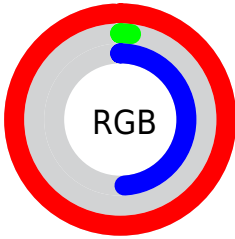
Format	Color
RYB	252, 4, 124
Decimal	16516220
CIELab	54.31, 83.41, 5.52
CIElCh	54, 83.590, 3.788
Yxy	22.2691, 0.5031, 0.2553
Android (android.graphics.Color)	4294706300 (0xFFFC047C)
YUV	91.8320, 15.8588, 140.4673
Hunter-Lab	47.1902, 83.4423, 6.5448

Details

The YIQ color **91.8320, 109.2880, 89.8960** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **164.1680, -109.2880, -89.8960**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **155.0090, 67.9840, 56.4960**, and **64.8760, 87.6520, 63.4920** is the 20% darker color. If you saturate the color by 10%, you get **89.2560, 111.0300, 91.3660**, and if you desaturate by 10%, it is **107.9890, 98.2400, 80.8640**.

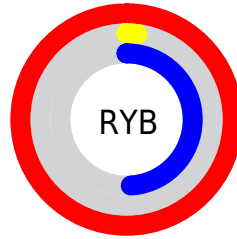
Distribution



Red (99%)

Green (2%)

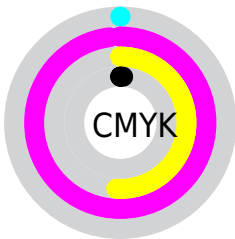
Blue (49%)



Red (99%)

Yellow (2%)

Blue (49%)

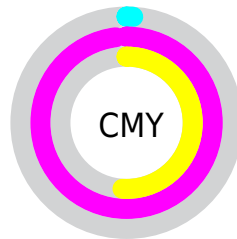


Cyan (0%)

Magenta (98%)

Yellow (51%)

Black (1%)



Cyan (1%)


Magenta (98%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 91.8320, 109.2880, 89.8960 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 91.8320, 109.2880, 89.8960 by changing the saturation by 10% instead.


 91.8320, 109.2880,
89.8960


 91.8320, 109.2880,
89.8960


255.0000, -0.0000,
-0.0000


 77.0660, 99.3410,
77.4290


 155.0090, 67.9840,
56.4960


 64.8760, 87.6520,
63.4920


 176.3980, 50.4710,
48.9910


 53.0990, 76.2380,
50.0780


 197.7870, 32.9580,
41.4860

 41.4360, 64.5030,
36.9750

 218.6060, 17.0500,
32.4260

 29.3170, 54.0520,
22.6280

 236.2160, 8.8000,
16.7360

 19.4780, 37.1810,
14.5010

254.4130, 0.2750,

 8.7850, 16.9630,

0.5230

6.4590

■ 0.0000, 0.0000,
0.0000

■ 91.8320, 109.2880,
89.8960

■ 91.8320, 109.2880,
89.8960

■ 89.2560, 111.0300,
91.3660

■ 107.9890, 98.2400,
80.8640

■ 124.1460, 87.1920,
71.8320

■ 140.8900, 75.8690,
62.2770

■ 157.0470, 64.8210,
53.2450

■ 173.2040, 53.7730,
44.2130

■ 189.3610, 42.7250,
35.1810

■ 205.5180, 31.6770,
26.1490

■ 222.2620, 20.3540,
16.5940

■ 238.4190, 9.3060,
7.5620

Harmonies

Analogous

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



122.3550, 53.1710, 77.1630



91.8320, 109.2880, 89.8960



111.9840, 112.6900, 39.2340

Triad

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



91.8320, 109.2880, 89.8960



108.4040, 2.2120, -62.1400



119.4680, -124.2050, -1.2370

Complementary

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



91.8320, 109.2880, 89.8960



164.1680, -109.2880, -89.8960

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.



117.7460, -111.0890, -18.6810



91.8320, 109.2880, 89.8960



98.4120, -62.1600, -62.9280

Square

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



91.8320, 109.2880, 89.8960



121.1600, 53.6500, -36.1900



109.5380, -87.9770, -41.0730



109.4890, -119.5300, 7.6540

Rectangle

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



91.8320, 109.2880, 89.8960



117.1480, 107.7910, 1.3510



109.5380, -87.9770, -41.0730



120.3170, -122.4620, -5.2940

Sweetspot

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



91.8320, 109.2880, 89.8960



205.9420, 33.4190, 27.6190



69.3480, -5.7040, 103.4160



98.2620, 20.3540, 16.5940



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.



91.8320, 109.2880, 89.8960



90.2670, 112.4970, 92.3130



78.1520, 147.8080, 52.5760



116.6850, 5.5010, 4.9330



66.8850, 83.4330, 68.3690



21.6590, 26.7260, 22.2620

Inverse Universe

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



91.8320, 109.2880, 89.8960



90.2670, 112.4970, 92.3130



177.8480, -147.8080, -52.5760



116.6850, 5.5010, 4.9330



66.8850, 83.4330, 68.3690



21.6590, 26.7260, 22.2620

Previews

White Background



This preview shows how the YIQ color 91.8320, 109.2880, 89.8960 looks on a white background.

Color Contrast Check

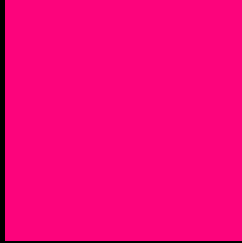
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.8320, 109.2880, 89.8960 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 91.8320, 109.2880, 89.8960

Background



This preview shows how black text looks on a background with the YIQ color 91.8320, 109.2880, 89.8960.



This preview shows how white text looks on a background with the YIQ color 91.8320, 109.2880,

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

91.8320, 109.2880, 89.8960

Protanopia

130.8130, -23.7980, 12.7940

Deuteranopia

131.8080, 18.1560, 1.3560



Tritanopia

108.8000, 119.2000, 42.4000

Trichromacy



Original Color

91.8320, 109.2880, 89.8960



Protanomaly

117.0680, 24.7970, 40.7090



Deuteranomaly

117.4990, 51.0240, 33.4560



Tritanomaly

102.7850, 115.5290, 59.3770

Monochromacy



Original Color

91.8320, 109.2880, 89.8960



Achromatopsia

92.0000, 0.0000, -0.0000



Achromatomaly

91.9260, 39.5160, 32.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.8320, 109.2880, 89.8960 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(252, 4, 124)` looks like.

```
.text, #text, p{  
    color:rgb(252, 4, 124)  
}
```

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(252, 4, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 4, 124) }
```

Border

The CSS property to change the border of an element to YIQ 91.8320, 109.2880, 89.8960 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(252, 4, 124) }
```


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

```
.border{ border-color:rgb(252, 4, 124) }
```

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

Here you see how a box with a 4 pixel rgb(252, 4, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 4, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 4, 124);  
box-shadow:4px 4px 4px 4px rgb(252, 4,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 91.8320, 109.2880, 89.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 4, 124) }
```

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

```
.background{ background-color: rgb(252, 4,  
124) }
```

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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