

Converting Colors

YIQ(90.4090, 71.4150, 98.9590)

Have a look what the booklet for
YIQ(90.4090, 71.4150, 98.9590)
contains.

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Color

**YIQ(90.4090, 71.4150,
98.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	DC07B4
RGB	220, 7, 180
RGB Percent	86%, 3%, 71%
CMY	0.1366, 0.9727, 0.2940
CMYK	0.00, 0.97, 0.18, 0.14
HSL	311°, 94%, 45%
HSV	311°, 97%, 86%
XYZ	37.8798, 18.6870, 44.8108
YIQ	90.4090, 71.4150, 98.9590

Conversions

Conversions Part 2

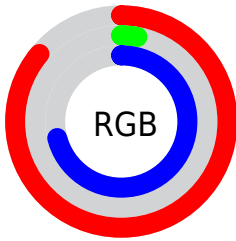
Format	Color
RYB	220, 7, 180
Decimal	14419892
CIELab	50.32, 82.10, -34.42
CIElCh	50, 89.021, 337.251
Yxy	18.6870, 0.3737, 0.1843
Android (android.graphics.Color)	4292609972 (0xFFDC07B4)
YUV	90.4090, 44.1684, 113.6513
Hunter-Lab	43.2284, 80.7644, -31.2004

Details

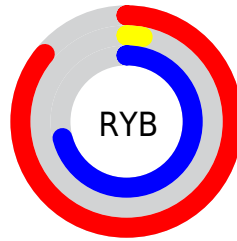
The YIQ color **90.4090, 71.4150, 98.9590** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **136.5910, -71.4150, -98.9590**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.5010, 49.8240, 77.2480**, and **62.3180, 54.5930, 73.4170** is the 20% darker color. If you saturate the color by 10%, you get **86.1860, 73.6610, 102.3090**, and if you desaturate by 10%, it is **103.7790, 64.0810, 88.6970**.

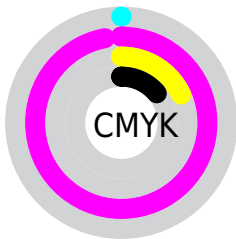
Distribution



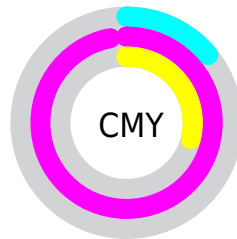
- Red (86%)
- Green (3%)
- Blue (71%)



- Red (86%)
- Yellow (3%)
- Blue (71%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (14%)



- Cyan (14%)
- Magenta (97%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.4090, 71.4150, 98.9590 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 90.4090, 71.4150, 98.9590 by changing the saturation by 10% instead.

90.4090, 71.4150,
98.9590

90.4090, 71.4150,
98.9590

255.0000, -0.0000,
-0.0000

74.2520, 64.1270,
87.8630

159.5010, 49.8240,
77.2480

62.3180, 54.5930,
73.4170

179.8640, 35.2000,
66.9440

50.6830, 45.6550,
59.1830

198.0610, 26.6750,
50.7310

39.2760, 36.0750,
45.5710

215.6710, 18.4250,
35.0410

28.5810, 27.3660,
32.6940

233.2810, 10.1750,
19.3510

16.9890, 16.8690,
19.1810

250.8910, 1.9250,

0.1140, -0.3210,

3.6610

0.3110

■ 0.0000, 0.0000,
0.0000

■ 90.4090, 71.4150,
98.9590

■ 90.4090, 71.4150,
98.9590

■ 86.1860, 73.6610,
102.3090

■ 103.7790, 64.0810,
88.6970

■ 117.1490, 56.7470,
78.4350

■ 130.5190, 49.4130,
68.1730

■ 144.0030, 41.7580,
58.2220

■ 157.3730, 34.4240,
47.9600

■ 170.7430, 27.0900,
37.6980

■ 184.1130, 19.7560,
27.4360

■ 197.4830, 12.4220,
17.1740

■ 210.8530, 5.0880,
6.9120

Harmonies

Analogous

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



120.0220, -21.1470, 58.3810



90.4090, 71.4150, 98.9590



85.8230, 113.5070, 85.0190

Triad

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



90.4090, 71.4150, 98.9590



111.0710, 43.6550, -36.7690



112.1040, -108.9810, -12.8290

Complementary

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



90.4090, 71.4150, 98.9590



136.5910, -71.4150, -98.9590

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.



103.6680, -85.2270, -35.8430



90.4090, 71.4150, 98.9590



91.1610, -19.1530, -65.9130

Square

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



90.4090, 71.4150, 98.9590



111.7000, 88.2610, -8.1470



92.6730, -58.4010, -59.4650



113.0110, -121.1800, 4.5160

Rectangle

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



90.4090, 71.4150, 98.9590



78.7420, 126.2560, 68.7200



92.6730, -58.4010, -59.4650



109.4820, -101.5980, -19.9820

Sweetspot

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



90.4090, 71.4150, 98.9590



209.9660, 24.8440, 34.3480



42.9430, -45.1290, 74.5110



100.5590, 15.2640, 20.7360



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.



90.4090, 71.4150, 98.9590



99.8430, 85.5330, 118.4370



78.3250, 105.4410, 65.9930



103.3150, 3.6670, 5.1310



67.8010, 57.8470, 80.5270



17.9720, 15.5390, 21.2590

Inverse Universe

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



90.4090, 71.4150, 98.9590



99.8430, 85.5330, 118.4370



148.6750, -105.4410, -65.9930



103.3150, 3.6670, 5.1310



67.8010, 57.8470, 80.5270



17.9720, 15.5390, 21.2590

Previews

White Background



This preview shows how the YIQ color 90.4090, 71.4150, 98.9590 looks on a white background.

Color Contrast Check

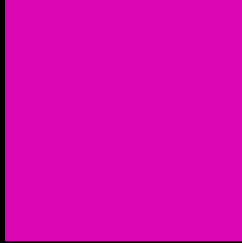
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.4090, 71.4150, 98.9590 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 90.4090, 71.4150, 98.9590

Background



This preview shows how black text looks on a background with the YIQ color 90.4090, 71.4150, 98.9590.



This preview shows how white text looks on a background with the YIQ color 90.4090, 71.4150,

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

90.4090, 71.4150, 98.9590

Deuteranopia

121.1010, -24.6690, 12.0590

Tritanopia

113.3160, 82.1560, 30.9240

Trichromacy



Original Color

90.4090, 71.4150, 98.9590

Deuteranomaly

110.0480, 10.3540, 43.6500

Tritanomaly

105.0440, 78.0710, 55.4070

Monochromacy



Original Color

90.4090, 71.4150, 98.9590

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.2050, 25.6690, 35.9170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.4090, 71.4150, 98.9590 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(220, 7, 180)` looks like.

```
.text, #text, p{  
    color:rgb(220, 7, 180)  
}
```

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(220, 7, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 7, 180) }
```

Border

The CSS property to change the border of an element to YIQ 90.4090, 71.4150, 98.9590 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(220, 7, 180) }
```

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

```
.border{ border-color:rgb(220, 7, 180) }
```

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

Here you see how a box with a 4 pixel rgb(220, 7, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 7, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 7, 180);  
box-shadow:4px 4px 4px 4px rgb(220, 7,  
180) }
```


Background

The CSS property to change the background color of an element to YIQ 90.4090, 71.4150, 98.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 7, 180) }
```

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

```
.background{ background-color: rgb(220, 7,  
180) }
```

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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