

Converting Colors

YIQ(87.2210, 100.9430, 92.4550)

Have a look what the booklet for
YIQ(87.2210, 100.9430, 92.4550)
contains.

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Color

**YIQ(87.2210, 100.9430,
92.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	F10085
RGB	241, 0, 133
RGB Percent	95%, 0%, 52%
CMY	0.0542, 0.9998, 0.4781
CMYK	0.00, 1.00, 0.45, 0.05
HSL	327°, 100%, 47%
HSV	327°, 100%, 95%
XYZ	40.5717, 20.4258, 24.0220
YIQ	87.2210, 100.9430, 92.4550

Conversions

Conversions Part 2

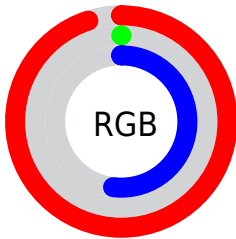
Format	Color
R_{YB}	241, 0, 133
Decimal	15794309
CIE Lab	52.32, 82.01, -3.07
CIE LCh	52, 82.066, 357.860
Yxy	20.4258, 0.4772, 0.2402
Android (android.graphics.Color)	4293984389 (0xFFFF10085)
YUV	87.2210, 22.5690, 134.8642
Hunter-Lab	45.1949, 81.1492, 0.1226

Details

The YIQ color **87.2210, 100.9430, 92.4550** 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 **153.7790, -100.9430, -92.4550**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.3880, 65.5990, 61.1750**, and **62.7980, 79.1240, 63.8600** is the 20% darker color. If you saturate the color by 10%, you get **87.2210, 100.9430, 92.4550**, and if you desaturate by 10%, it is **102.5630, 90.8120, 83.3240**.

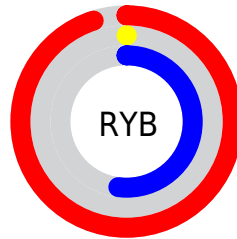
Distribution



Red (95%)

Green (0%)

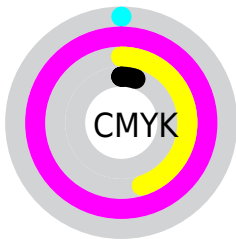
Blue (52%)



Red (95%)

Yellow (0%)

Blue (52%)

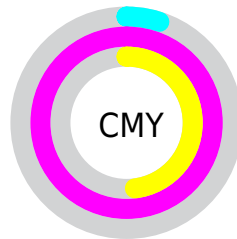


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (5%)



Cyan (5%)


Magenta (100%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 87.2210, 100.9430, 92.4550 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 87.2210, 100.9430, 92.4550 by changing the saturation by 10% instead.


 87.2210, 100.9430,
92.4550


 87.2210, 100.9430,
92.4550


255.0000, -0.0000,
-0.0000


 75.1020, 90.4920,
78.1080


 154.3880, 65.5990,
61.1750


 62.7980, 79.1240,
63.8600


 176.3640, 47.8110,
53.1470

 51.2060, 68.6270,
50.3470


 197.1660, 30.5730,
46.1650

 39.4290, 57.2130,
36.9330

 216.8450, 17.8750,
33.9950

 28.1790, 45.7530,
24.3530

 234.4550, 9.6250,
18.3050

 17.2710, 33.3300,
12.7060

 252.6520, 1.1000,

 4.1860, 8.3440,

2.0920

2.9680

■ 0.0000, 0.0000,
0.0000

■ 87.2210, 100.9430,
92.4550

■ 102.5630, 90.8120,
83.3240

■ 117.9050, 80.6810,
74.1930

■ 133.2470, 70.5500,
65.0620

■ 149.0620, 60.4650,
55.0970

■ 164.4040, 50.3340,
45.9660

■ 179.7460, 40.2030,
36.8350

■ 195.0880, 30.0720,
27.7040

■ 210.4300, 19.9410,
18.5730

■ 225.6580, 10.1310,
9.1310

Harmonies

Analogous

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



120.8800, 38.2710, 71.8630



87.2210, 100.9430, 92.4550



103.1230, 111.2210, 49.3410

Triad

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



87.2210, 100.9430, 92.4550



107.3070, 13.0310, -54.4650



115.9800, -119.8950, -2.2550

Complementary

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



87.2210, 100.9430, 92.4550



153.7790, -100.9430, -92.4550

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.



111.9440, -103.0190, -21.7630



87.2210, 100.9430, 92.4550



92.1370, -54.1360, -65.1760

Square

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



87.2210, 100.9430, 92.4550



117.0840, 59.9760, -29.6880



103.8500, -80.2280, -43.8440



108.9020, -119.2550, 8.1770

Rectangle

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



87.2210, 100.9430, 92.4550



111.2440, 107.8810, 10.7370



103.8500, -80.2280, -43.8440



115.3300, -115.3090, -8.2770

Sweetspot

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



87.2210, 100.9430, 92.4550



206.5120, 31.8140, 29.1740



58.8690, -14.7810, 97.2110



98.6040, 19.3910, 17.5270



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.



87.2210, 100.9430, 92.4550



92.3190, 106.7190, 97.9110



73.8830, 138.5000, 56.0680



112.2720, 5.2260, 4.4100



66.5300, 77.2430, 70.4190



20.2780, 23.4250, 21.5130

Inverse Universe

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



87.2210, 100.9430, 92.4550



92.3190, 106.7190, 97.9110



167.1170, -138.5000, -56.0680



112.2720, 5.2260, 4.4100



66.5300, 77.2430, 70.4190



20.2780, 23.4250, 21.5130

Previews

White Background



This preview shows how the YIQ color 87.2210, 100.9430, 92.4550 looks on a white background.

Color Contrast Check

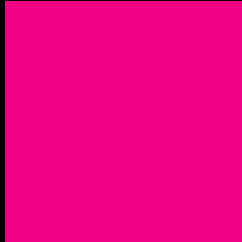
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.2210, 100.9430, 92.4550 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 87.2210, 100.9430, 92.4550

Background



This preview shows how black text looks on a background with the YIQ color 87.2210, 100.9430, 92.4550.



This preview shows how white text looks on a background with the YIQ color 87.2210, 100.9430,

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

87.2210, 100.9430, 92.4550

Protanopia

125.4730, -34.3440, 16.6960

Deuteranopia

127.4960, 10.4070, 4.1270



Tritanopia

108.1300, 109.3430, 39.3190

Trichromacy



Original Color

87.2210, 100.9430, 92.4550

Protanomaly

111.6140, 14.5720, 44.3000

Deuteranomaly

113.1870, 43.2750, 36.2270

Tritanomaly

100.8810, 106.4510, 58.6990

Monochromacy



Original Color

87.2210, 100.9430, 92.4550

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.8980, 36.7190, 33.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.2210, 100.9430, 92.4550 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(241, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 133)  
}
```

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(241, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 133) }
```

Border

The CSS property to change the border of an element to YIQ 87.2210, 100.9430, 92.4550 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(241, 0, 133) }
```


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

```
.border{ border-color:rgb(241, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(241, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 87.2210, 100.9430, 92.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 133) }
```

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

```
.background{ background-color: rgb(241, 0,  
133) }
```

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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