

Converting Colors

YIQ(92.4090, 80.5830, 109.0230)

Have a look what the booklet for
YIQ(92.4090, 80.5830, 109.0230)
contains.

YIQ(92.4090, 80.5830, 109.0230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(92.4090, 80.5830,
109.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	ED00BD
RGB	237, 0, 189
RGB Percent	93%, 0%, 74%
CMY	0.0699, 0.9998, 0.2586
CMYK	0.00, 1.00, 0.20, 0.07
HSL	312°, 100%, 47%
HSV	312°, 100%, 93%
XYZ	44.1732, 21.7105, 50.0316
YIQ	92.4090, 80.5830, 109.0230

Conversions

Conversions Part 2

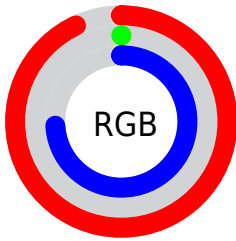
Format	Color
R_{YB}	237, 0, 189
Decimal	15532221
CIE _{Lab}	53.72, 86.79, -34.13
CIE _{LCh}	54, 93.255, 338.533
Yxy	21.7105, 0.3811, 0.1873
Android (android.graphics.Color)	4293722301 (0xFFED00BD)
YUV	92.4090, 47.6194, 126.8063
Hunter-Lab	46.5945, 87.6837, -31.0474

Details

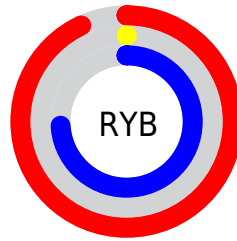
The YIQ color **92.4090, 80.5830, 109.0230** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **144.5910, -80.5830, -109.0230**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **162.4020, 45.7890, 78.7890**, and **68.0140, 61.5610, 79.2970** is the 20% darker color. If you saturate the color by 10%, you get **92.4090, 80.5830, 109.0230**, and if you desaturate by 10%, it is **107.0670, 72.3780, 98.0260**.

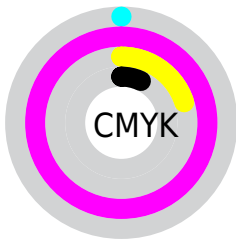
Distribution



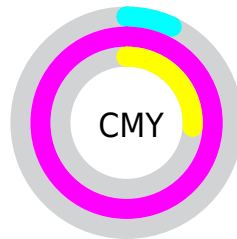
- Red (93%)
- Green (0%)
- Blue (74%)



- Red (93%)
- Yellow (0%)
- Blue (74%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.4090, 80.5830, 109.0230 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 92.4090, 80.5830, 109.0230 by changing the saturation by 10% instead.


 92.4090, 80.5830,
109.0230


 92.4090, 80.5830,
109.0230


255.0000, -0.0000,
-0.0000


 80.0620, 70.7740,
94.0540


 162.4020, 45.7890,
78.7890


 68.0140, 61.5610,
79.2970


 182.2120, 34.1000,
64.8520


 56.1940, 51.7060,
65.1620


 199.8220, 25.8500,
49.1620

 44.6730, 42.4470,
51.2390

 218.0190, 17.3250,
32.9490

 33.2660, 32.8670,
37.6270

 236.2160, 8.8000,
16.7360

 22.0870, 22.6450,
24.6370

253.8260, 0.5500,

 9.7830, 11.2770,

1.0460

10.3890

■ 0.0000, 0.0000,
0.0000

■ 92.4090, 80.5830,
109.0230

■ 107.0670, 72.3780,
98.0260

■ 121.1380, 64.4480,
87.5520

■ 135.6820, 56.5640,
76.2440

■ 150.3400, 48.3590,
65.2470

■ 164.9980, 40.1540,
54.2500

■ 179.0690, 32.2240,
43.7760

■ 193.7270, 24.0190,
32.7790

■ 208.3850, 15.8140,
21.7820

■ 222.9290, 7.9300,
10.4740

Harmonies

Analogous

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



128.5220, -16.5630, 63.4130



92.4090, 80.5830, 109.0230



88.7850, 116.6700, 88.2700

Triad

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



92.4090, 80.5830, 109.0230



118.7350, 44.4810, -40.7270



119.9120, -117.1880, -12.7720

Complementary

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



92.4090, 80.5830, 109.0230



144.5910, -80.5830, -109.0230

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.



111.6070, -92.4250, -37.5530



92.4090, 80.5830, 109.0230



95.8240, -25.7540, -72.9380

Square

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



92.4090, 80.5830, 109.0230



119.6850, 92.6170, -9.9990



99.4550, -63.7190, -62.2070



118.8810, -123.9300, -0.7140

Rectangle

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



92.4090, 80.5830, 109.0230



82.8570, 133.3620, 72.0980



99.4550, -63.7190, -62.2070



117.7630, -109.7590, -20.7590

Sweetspot

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



92.4090, 80.5830, 109.0230



208.5640, 26.0360, 34.7720



41.0710, -48.0650, 83.6710



99.8580, 15.8600, 20.9480



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.



92.4090, 80.5830, 109.0230



99.3870, 86.8170, 117.1930



78.9570, 118.4610, 72.3250



112.6140, 4.2630, 5.3430



71.6600, 62.7980, 84.4140



21.8740, 18.9310, 25.8670

Inverse Universe

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



92.4090, 80.5830, 109.0230



99.3870, 86.8170, 117.1930



158.0430, -118.4610, -72.3250



112.6140, 4.2630, 5.3430



71.6600, 62.7980, 84.4140



21.8740, 18.9310, 25.8670

Previews

White Background



This preview shows how the YIQ color 92.4090, 80.5830, 109.0230 looks on a white background.

Color Contrast Check

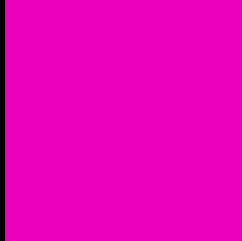
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.4090, 80.5830, 109.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

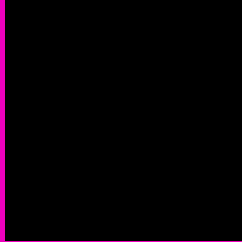
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 92.4090, 80.5830, 109.0230

Background



This preview shows how black text looks on a background with the YIQ color 92.4090, 80.5830, 109.0230.



This preview shows how white text looks on a background with the YIQ color 92.4090, 80.5830,

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

92.4090, 80.5830, 109.0230

Protanopia

117.6830, -87.3010, 23.7950

Deuteranopia

129.6990, -23.4770, 12.4830



Tritanopia

120.5020, 90.5000, 33.8920

Trichromacy



Original Color

92.4090, 80.5830, 109.0230



Protanomaly

108.2770, -26.4190, 54.8050



Deuteranomaly

115.7220, 14.3880, 47.6360



Tritanomaly

110.1100, 86.8730, 61.0890

Monochromacy



Original Color

92.4090, 80.5830, 109.0230



Achromatopsia

92.0000, 0.0000, -0.0000



Achromatomaly

92.4660, 29.4280, 39.3800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.4090, 80.5830, 109.0230 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(237, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 189)  
}
```

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(237, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 189) }
```

Border

The CSS property to change the border of an element to YIQ 92.4090, 80.5830, 109.0230 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(237, 0, 189) }
```


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

```
.border{ border-color:rgb(237, 0, 189) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 92.4090, 80.5830, 109.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 189) }
```

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

```
.background{ background-color: rgb(237, 0,  
189) }
```

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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