

Converting Colors

YIQ(92.2950, 80.9040, 108.7120)

Have a look what the booklet for
YIQ(92.2950, 80.9040, 108.7120)
contains.

YIQ(92.2950, 80.9040, 108.7120)	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(92.2950, 80.9040,
108.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	ED00BC
RGB	237, 0, 188
RGB Percent	93%, 0%, 74%
CMY	0.0699, 0.9998, 0.2626
CMYK	0.00, 1.00, 0.21, 0.07
HSL	312°, 100%, 47%
HSV	312°, 100%, 93%
XYZ	44.0650, 21.6672, 49.4620
YIQ	92.2950, 80.9040, 108.7120

Conversions

Conversions Part 2

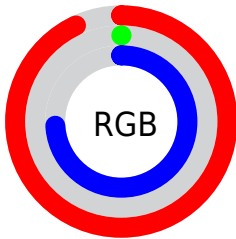
Format	Color
RYB	237, 0, 188
Decimal	15532220
CIELab	53.67, 86.67, -33.62
CIElCh	54, 92.962, 338.798
Yxy	21.6672, 0.3825, 0.1881
Android (android.graphics.Color)	4293722300 (0xFFED00BC)
YUV	92.2950, 47.1826, 126.9063
Hunter-Lab	46.5480, 87.5191, -30.4179

Details

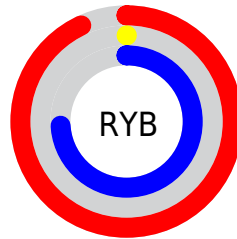
The YIQ color **92.2950, 80.9040, 108.7120** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **144.7050, -80.9040, -108.7120**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **162.2880, 46.1100, 78.4780**, and **67.9000, 61.8820, 78.9860** is the 20% darker color. If you saturate the color by 10%, you get **92.2950, 80.9040, 108.7120**, and if you desaturate by 10%, it is **106.9530, 72.6990, 97.7150**.

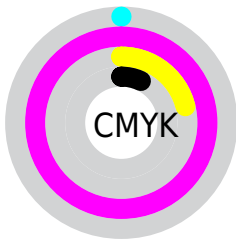
Distribution



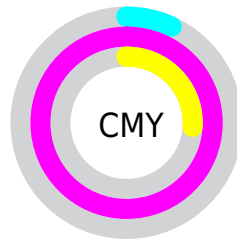
- Red (93%)
- Green (0%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.2950, 80.9040, 108.7120 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 92.2950, 80.9040, 108.7120 by changing the saturation by 10% instead.


 92.2950, 80.9040,
108.7120


 92.2950, 80.9040,
108.7120


255.0000, -0.0000,
-0.0000


 79.9480, 71.0950,
93.7430


 162.2880, 46.1100,
78.4780


 67.9000, 61.8820,
78.9860


 181.6250, 34.3750,
65.3750


 56.0800, 52.0270,
64.8510


 199.8220, 25.8500,
49.1620

 44.5590, 42.7680,
50.9280

 218.0190, 17.3250,
32.9490

 33.1520, 33.1880,
37.3160

 235.6290, 9.0750,
17.2590

 21.9730, 22.9660,
24.3260

253.8260, 0.5500,

 9.6690, 11.5980,

1.0460

10.0780

■ 0.0000, 0.0000,
0.0000

■ 92.2950, 80.9040,
108.7120

■ 106.9530, 72.6990,
97.7150

■ 121.0240, 64.7690,
87.2410

■ 135.6820, 56.5640,
76.2440

■ 150.3400, 48.3590,
65.2470

■ 164.9980, 40.1540,
54.2500

■ 179.0690, 32.2240,
43.7760

■ 193.6130, 24.3400,
32.4680

■ 208.2710, 16.1350,
21.4710

■ 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.



128.8210, -15.9670, 63.6250



92.2950, 80.9040, 108.7120



88.6710, 116.9910, 87.9590

Triad

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



92.2950, 80.9040, 108.7120



118.4360, 43.8850, -40.9390



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.



92.2950, 80.9040, 108.7120



144.7050, -80.9040, -108.7120

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.



111.1340, -92.4710, -36.7190



92.2950, 80.9040, 108.7120



94.6390, -26.6710, -72.8390

Square

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



92.2950, 80.9040, 108.7120



119.9730, 91.7460, -10.7340



99.5690, -64.0400, -61.8960



118.8810, -123.9300, -0.7140

Rectangle

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



92.2950, 80.9040, 108.7120



82.7430, 133.6830, 71.7870



99.5690, -64.0400, -61.8960



117.7630, -109.7590, -20.7590

Sweetspot

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



92.2950, 80.9040, 108.7120



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.



92.2950, 80.9040, 108.7120



99.2730, 87.1380, 116.8820



78.9570, 118.4610, 72.3250



112.6140, 4.2630, 5.3430



71.6600, 62.7980, 84.4140



21.7600, 19.2520, 25.5560

Inverse Universe

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



92.2950, 80.9040, 108.7120



99.2730, 87.1380, 116.8820



158.0430, -118.4610, -72.3250



112.6140, 4.2630, 5.3430



71.6600, 62.7980, 84.4140



21.7600, 19.2520, 25.5560

Previews

White Background



This preview shows how the YIQ color 92.2950, 80.9040, 108.7120 looks on a white background.

Color Contrast Check

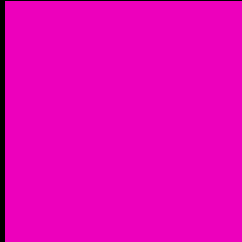
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.2950, 80.9040, 108.7120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

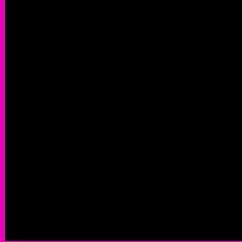
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 92.2950, 80.9040, 108.7120

Background



This preview shows how black text looks on a background with the YIQ color 92.2950, 80.9040, 108.7120.



This preview shows how white text looks on a background with the YIQ color 92.2950, 80.9040,

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

92.2950, 80.9040, 108.7120

Protanopia

117.6830, -87.3010, 23.7950

Deuteranopia

129.8840, -22.5600, 12.3840



Tritanopia

120.5020, 90.5000, 33.8920

Trichromacy



Original Color

92.2950, 80.9040, 108.7120



Protanomaly

108.2770, -26.4190, 54.8050



Deuteranomaly

115.9070, 15.3050, 47.5370



Tritanomaly

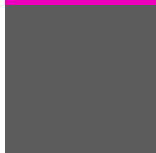
110.1100, 86.8730, 61.0890

Monochromacy



Original Color

92.2950, 80.9040, 108.7120



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 92.2950, 80.9040, 108.7120 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 188) }
```

Border

The CSS property to change the border of an element to YIQ 92.2950, 80.9040, 108.7120 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, 188) }
```


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

```
.border{ border-color:rgb(237, 0, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 188);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 92.2950, 80.9040, 108.7120 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, 188) }
```

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

```
.background{ background-color: rgb(237, 0,  
188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor