

Converting Colors

YIQ(90.3140, 87.9200, 102.7040)

Have a look what the booklet for
YIQ(90.3140, 87.9200, 102.7040)
contains.

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Color

**YIQ(90.3140, 87.9200,
102.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	EE00A8
RGB	238, 0, 168
RGB Percent	93%, 0%, 66%
CMY	0.0660, 0.9998, 0.3410
CMYK	0.00, 1.00, 0.29, 0.07
HSL	318°, 100%, 47%
HSV	318°, 100%, 93%
XYZ	42.3905, 21.0360, 38.8992
YIQ	90.3140, 87.9200, 102.7040

Conversions

Conversions Part 2

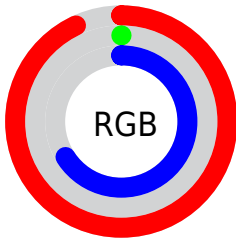
Format	Color
R_{YB}	238, 0, 168
Decimal	15597736
CIE _{Lab}	52.99, 84.65, -22.97
CIE _{LCh}	53, 87.709, 344.820
Yxy	21.0360, 0.4143, 0.2056
Android (android.graphics.Color)	4293787816 (0xFFEE00A8)
YUV	90.3140, 38.2992, 129.5206
Hunter-Lab	45.8650, 84.7137, -18.1797

Details

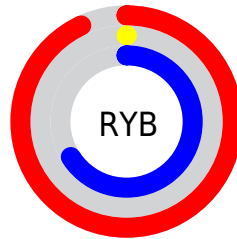
The YIQ color **90.3140, 87.9200, 102.7040** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **147.6860, -87.9200, -102.7040**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.1930, 53.4470, 72.1590**, and **66.1470, 68.2560, 73.6000** is the 20% darker color. If you saturate the color by 10%, you get **90.3140, 87.9200, 102.7040**, and if you desaturate by 10%, it is **105.2000, 79.0730, 92.3290**.

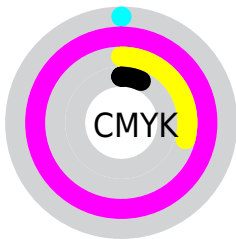
Distribution



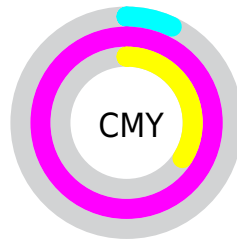
- Red (93%)
- Green (0%)
- Blue (66%)



- Red (93%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (7%)



- Cyan (7%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.3140, 87.9200, 102.7040 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 90.3140, 87.9200, 102.7040 by changing the saturation by 10% instead.

90.3140, 87.9200,
102.7040

90.3140, 87.9200,
102.7040

255.0000, -0.0000,
-0.0000

78.0810, 77.7900,
88.0460

159.1930, 53.4470,
72.1590

66.1470, 68.2560,
73.6000

181.2830, 35.3380,
64.4420

54.0280, 57.8050,
59.2530

199.2350, 26.1250,
49.6850

42.6210, 48.2250,
45.6410

217.4320, 17.6000,
33.4720

31.4420, 38.0030,
32.6510

235.0420, 9.3500,
17.7820

19.9640, 27.1850,
19.4490

253.2390, 0.8250,

7.2900, 13.9830,

1.5690

5.3990

■ 0.0000, 0.0000,
0.0000

■ 90.3140, 87.9200,
102.7040

■ 105.2000, 79.0730,
92.3290

■ 120.0860, 70.2260,
81.9540

■ 134.9720, 61.3790,
71.5790

■ 149.2710, 52.8070,
61.7270

■ 164.1570, 43.9600,
51.3520

■ 179.0430, 35.1130,
40.9770

■ 193.9290, 26.2660,
30.6020

■ 208.8150, 17.4190,
20.2270

■ 223.1140, 8.8470,
10.3750

Harmonies

Analogous

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



126.9390, 4.2520, 66.1400



90.3140, 87.9200, 102.7040



86.5480, 121.5310, 82.7710

Triad

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



90.3140, 87.9200, 102.7040



115.1250, 34.3950, -45.1650



118.1340, -117.6930, -9.1250

Complementary

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



90.3140, 87.9200, 102.7040



147.6860, -87.9200, -102.7040

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.



111.3280, -95.7730, -31.9410



90.3140, 87.9200, 102.7040



87.4630, -40.9750, -77.9270

Square

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



90.3140, 87.9200, 102.7040



119.2980, 80.2850, -17.7870



100.5610, -69.5890, -54.9410



115.3590, -122.2800, 2.4240

Rectangle

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



90.3140, 87.9200, 102.7040



103.5010, 118.6040, 42.1880



100.5610, -69.5890, -54.9410



116.3270, -111.2270, -16.1790

Sweetspot

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



90.3140, 87.9200, 102.7040



207.7660, 28.2830, 32.5950



47.4640, -35.8700, 88.4340



99.4020, 17.1440, 19.7040



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.



90.3140, 87.9200, 102.7040



96.7650, 94.2000, 110.0400



77.0900, 125.1560, 66.6280



112.5000, 4.5840, 5.0320



69.8360, 67.9340, 79.4380



21.3040, 20.5360, 24.3120

Inverse Universe

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



90.3140, 87.9200, 102.7040



96.7650, 94.2000, 110.0400



161.0240, -125.4770, -66.3170



112.5000, 4.5840, 5.0320



69.8360, 67.9340, 79.4380



21.3040, 20.5360, 24.3120

Previews

White Background



This preview shows how the YIQ color 90.3140, 87.9200, 102.7040 looks on a white background.

Color Contrast Check

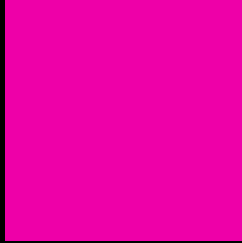
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.3140, 87.9200, 102.7040 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 90.3140, 87.9200, 102.7040

Background



This preview shows how black text looks on a background with the YIQ color 90.3140, 87.9200, 102.7040.



This preview shows how white text looks on a background with the YIQ color 90.3140, 87.9200,

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

90.3140, 87.9200, 102.7040

Protanopia

120.1810, -71.2080, 23.9920

Deuteranopia

128.9470, -9.6760, 10.1640



Tritanopia

115.6770, 97.3770, 35.9130

Trichromacy



Original Color

90.3140, 87.9200, 102.7040



Protanomaly

109.3400, -13.5350, 52.5850



Deuteranomaly

115.2470, 25.8510, 43.6350



Tritanomaly

106.5900, 94.2090, 60.2970

Monochromacy



Original Color

90.3140, 87.9200, 102.7040



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

89.9670, 32.2710, 37.4150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.3140, 87.9200, 102.7040 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(238, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(238, 0, 168)  
}
```

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(238, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 0, 168) }
```

Border

The CSS property to change the border of an element to YIQ 90.3140, 87.9200, 102.7040 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(238, 0, 168) }
```


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

```
.border{ border-color:rgb(238, 0, 168) }
```

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

Here you see how a box with a 4 pixel rgb(238, 0, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(238, 0,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 90.3140, 87.9200, 102.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 0, 168) }
```

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

```
.background{ background-color: rgb(238, 0,  
168) }
```

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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