

Converting Colors

YIQ(89.5740, 84.2520, 103.1000)

Have a look what the booklet for
YIQ(89.5740, 84.2520, 103.1000)
contains.

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Color

**YIQ(89.5740, 84.2520,
103.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	EA00AC
RGB	234, 0, 172
RGB Percent	92%, 0%, 67%
CMY	0.0817, 0.9998, 0.3253
CMYK	0.00, 1.00, 0.27, 0.08
HSL	316°, 100%, 46%
HSV	316°, 100%, 92%
XYZ	41.4386, 20.5016, 40.8287
YIQ	89.5740, 84.2520, 103.1000

Conversions

Conversions Part 2

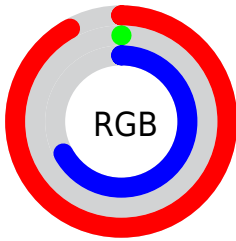
Format	Color
RYB	234, 0, 172
Decimal	15335596
CIELab	52.40, 84.31, -26.29
CIELCh	52, 88.312, 342.680
Yxy	20.5016, 0.4032, 0.1995
Android (android.graphics.Color)	4293525676 (0xFFEA00AC)
YUV	89.5740, 40.6360, 126.6616
Hunter-Lab	45.2787, 84.1236, -21.7679

Details

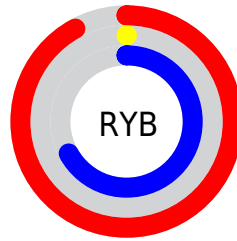
The YIQ color **89.5740, 84.2520, 103.1000** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **144.4260, -84.2520, -103.1000**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.1760, 52.1170, 74.2370**, and **65.2930, 64.9090, 73.6850** is the 20% darker color. If you saturate the color by 10%, you get **89.5740, 84.2520, 103.1000**, and if you desaturate by 10%, it is **103.7590, 76.0010, 92.9370**.

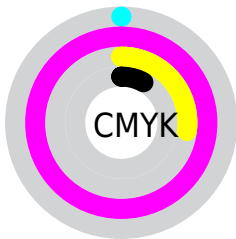
Distribution



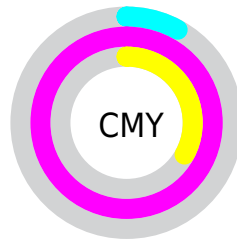
- Red (92%)
- Green (0%)
- Blue (67%)



- Red (92%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (8%)




- Cyan (8%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.5740, 84.2520, 103.1000 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 89.5740, 84.2520, 103.1000 by changing the saturation by 10% instead.


 89.5740, 84.2520,
103.1000


 89.5740, 84.2520,
103.1000


255.0000, -0.0000,
-0.0000


 77.2270, 74.4430,
88.1310


 159.1760, 52.1170,
74.2370

 65.2930, 64.9090,
73.6850


 181.0380, 34.6500,
65.8980

 53.4730, 55.0540,
59.5500


 199.2350, 26.1250,
49.6850

 41.7670, 44.8780,
45.7260

 216.8450, 17.8750,
33.9950

 30.8870, 35.2520,
32.9480

 234.4550, 9.6250,
18.3050

 19.4090, 24.4340,
19.7460

 252.6520, 1.1000,

 5.6810, 11.3240,

2.0920

4.0280

■ 0.0000, 0.0000,
0.0000

■ 89.5740, 84.2520,
103.1000

■ 103.7590, 76.0010,
92.9370

■ 118.5310, 67.4750,
82.2510

■ 132.8300, 58.9030,
72.3990

■ 147.6020, 50.3770,
61.7130

■ 161.7870, 42.1260,
51.5500

■ 176.5590, 33.6000,
40.8640

■ 190.8580, 25.0280,
31.0120

■ 205.0430, 16.7770,
20.8490

■ 219.8150, 8.2510,
10.1630

Harmonies

Analogous

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



126.0630, -2.0290, 64.3310



89.5740, 84.2520, 103.1000



86.7050, 119.6510, 83.8030

Triad

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



89.5740, 84.2520, 103.1000



114.2610, 37.0080, -42.9600



116.8630, -115.4920, -10.4680

Complementary

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



89.5740, 84.2520, 103.1000



144.4260, -84.2520, -103.1000

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.



109.3560, -92.9760, -33.0720



89.5740, 84.2520, 103.1000



86.2890, -40.4250, -76.8810

Square

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



89.5740, 84.2520, 103.1000



117.5480, 82.5770, -15.2710



98.4750, -66.4710, -56.3830



114.7720, -122.0050, 2.9470

Rectangle

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



89.5740, 84.2520, 103.1000



98.3860, 120.6660, 48.8740



98.4750, -66.4710, -56.3830



115.0560, -109.0260, -17.5220

Sweetspot

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



89.5740, 84.2520, 103.1000



208.1080, 27.3200, 33.5280



44.3170, -39.9500, 85.2820



99.5160, 16.8230, 20.0150



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.



89.5740, 84.2520, 103.1000



97.5630, 91.9530, 112.2170



76.6920, 120.5250, 67.9570



110.2010, 3.9880, 4.8200



69.2810, 65.1830, 79.7350



20.5920, 19.6650, 23.5770

Inverse Universe

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



89.5740, 84.2520, 103.1000



97.5630, 91.9530, 112.2170



157.4220, -120.8460, -67.6460



110.2010, 3.9880, 4.8200



69.2810, 65.1830, 79.7350



20.5920, 19.6650, 23.5770

Previews

White Background



This preview shows how the YIQ color 89.5740, 84.2520, 103.1000 looks on a white background.

Color Contrast Check

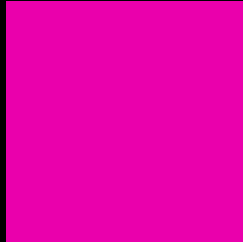
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.5740, 84.2520, 103.1000 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 89.5740, 84.2520, 103.1000

Background



This preview shows how black text looks on a background with the YIQ color 89.5740, 84.2520, 103.1000.



This preview shows how white text looks on a background with the YIQ color 89.5740, 84.2520,

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

89.5740, 84.2520, 103.1000

Protanopia

116.5760, -79.6900, 23.5260

Deuteranopia

127.3210, -13.6650, 10.8710



Tritanopia

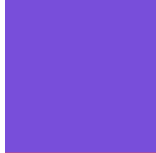
115.8830, 93.8010, 34.6410

Trichromacy



Original Color

89.5740, 84.2520, 103.1000



Protanomaly

106.5180, -19.9080, 52.4440



Deuteranomaly

113.6210, 21.8620, 44.3420



Tritanomaly

106.3230, 90.5870, 59.8590

Monochromacy



Original Color

89.5740, 84.2520, 103.1000



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

89.5970, 30.4370, 37.6130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.5740, 84.2520, 103.1000 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(234, 0, 172)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 172)  
}
```

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(234, 0, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 172) }
```

Border

The CSS property to change the border of an element to YIQ 89.5740, 84.2520, 103.1000 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(234, 0, 172) }
```


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

```
.border{ border-color:rgb(234, 0, 172) }
```

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

Here you see how a box with a 4 pixel rgb(234, 0, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 172);  
box-shadow:4px 4px 4px 4px rgb(234, 0,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 89.5740, 84.2520, 103.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 0, 172) }
```

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

```
.background{ background-color: rgb(234, 0,  
172) }
```

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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