

Converting Colors

YIQ(88.1890, 103.9690, 92.6810)

Have a look what the booklet for
YIQ(88.1890, 103.9690, 92.6810)
contains.

YIQ(88.1890, 103.9690, 92.6810)	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(88.1890, 103.9690,
92.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	F50083
RGB	245, 0, 131
RGB Percent	96%, 0%, 51%
CMY	0.0386, 0.9998, 0.4860
CMYK	0.00, 1.00, 0.47, 0.04
HSL	328°, 100%, 48%
HSV	328°, 100%, 96%
XYZ	41.8175, 21.0838, 23.3665
YIQ	88.1890, 103.9690, 92.6810

Conversions

Conversions Part 2

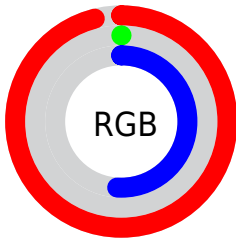
Format	Color
R_{YB}	245, 0, 131
Decimal	16056451
CIE _{Lab}	53.04, 82.69, -0.70
CIE _{LCh}	53, 82.697, 359.512
Yxy	21.0838, 0.4847, 0.2444
Android (android.graphics.Color)	4294246531 (0xFFFF50083)
YUV	88.1890, 21.1058, 137.5232
Hunter-Lab	45.9171, 82.2079, 1.9702

Details

The YIQ color **88.1890, 103.9690, 92.6810** 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 **156.8110, -103.9690, -92.6810**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.7470, 65.9660, 60.0300**, and **63.7660, 82.1500, 64.0860** is the 20% darker color. If you saturate the color by 10%, you get **88.1890, 103.9690, 92.6810**, and if you desaturate by 10%, it is **104.1180, 93.5630, 83.0270**.

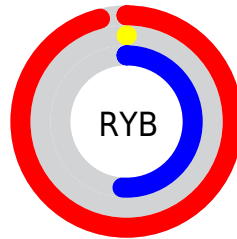
Distribution



Red (96%)

Green (0%)

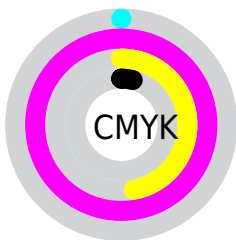
Blue (51%)



Red (96%)

Yellow (0%)

Blue (51%)

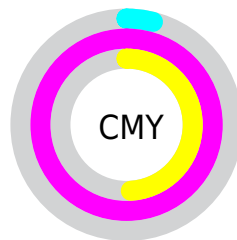


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (4%)



Cyan (4%)


Magenta (100%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.1890, 103.9690, 92.6810 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 88.1890, 103.9690, 92.6810 by changing the saturation by 10% instead.


 88.1890, 103.9690,
92.6810


 88.1890, 103.9690,
92.6810


255.0000, -0.0000,
-0.0000


 75.7710, 92.9220,
78.1220


 154.7470, 65.9660,
60.0300


 63.7660, 82.1500,
64.0860


 176.0220, 48.7740,
52.2140


 51.8750, 71.0570,
50.3610


 197.5250, 30.9400,
45.0200

 40.2120, 59.3220,
37.2580

 217.4320, 17.6000,
33.4720

 28.8480, 48.1830,
24.3670

 235.0420, 9.3500,
17.7820

 17.9830, 34.2010,
13.4410

 253.2390, 0.8250,

 6.2790, 12.5160,

1.5690

4.4520

■ 0.0000, 0.0000,
0.0000

■ 88.1890, 103.9690,
92.6810

■ 104.1180, 93.5630,
83.0270

■ 119.5740, 83.1110,
74.2070

■ 135.5030, 72.7050,
64.5530

■ 150.9590, 62.2530,
55.7330

■ 166.8880, 51.8470,
46.0790

■ 182.3440, 41.3950,
37.2590

■ 198.2730, 30.9890,
27.6050

■ 213.6150, 20.8580,
18.4740

■ 229.6580, 10.1310,
9.1310

Harmonies

Analogous

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



121.9730, 42.4430, 73.3470



88.1890, 103.9690, 92.6810



105.8410, 111.9550, 47.0510

Triad

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



88.1890, 103.9690, 92.6810



108.1710, 10.4180, -56.6700



117.1370, -121.7750, -1.2230

Complementary

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



88.1890, 103.9690, 92.6810



156.8110, -103.9690, -92.6810

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.



113.8020, -105.4950, -20.9430



88.1890, 103.9690, 92.6810



94.4680, -56.5660, -65.1900

Square

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



88.1890, 103.9690, 92.6810



119.1330, 58.2800, -31.9920



105.5940, -82.3830, -43.3350



109.4890, -119.5300, 7.6540

Rectangle

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



88.1890, 103.9690, 92.6810



112.5060, 109.8990, 7.2030



105.5940, -82.3830, -43.3350



117.1880, -117.7850, -7.4570

Sweetspot

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



88.1890, 103.9690, 92.6810



206.2840, 32.4560, 28.5520



60.8200, -13.0850, 99.5150



98.4900, 19.7120, 17.2160



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.



88.1890, 103.9690, 92.6810



91.7490, 108.3240, 96.3560



74.6230, 142.1680, 55.6720



114.3860, 4.9050, 4.7210



67.0140, 78.7560, 70.5320



21.1750, 25.2130, 22.1490

Inverse Universe

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



88.1890, 103.9690, 92.6810



91.7490, 108.3240, 96.3560



170.3770, -142.1680, -55.6720



114.3860, 4.9050, 4.7210



67.0140, 78.7560, 70.5320



21.1750, 25.2130, 22.1490

Previews

White Background



This preview shows how the YIQ color 88.1890, 103.9690, 92.6810 looks on a white background.

Color Contrast Check

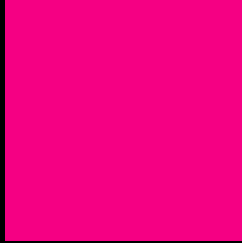
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.1890, 103.9690, 92.6810 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 88.1890, 103.9690, 92.6810

Background



This preview shows how black text looks on a background with the YIQ color 88.1890, 103.9690, 92.6810.



This preview shows how white text looks on a background with the YIQ color 88.1890, 103.9690,

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

88.1890, 103.9690, 92.6810

Protanopia

127.5010, -31.5470, 15.5650

Deuteranopia

129.3390, 12.2870, 3.0950



Tritanopia

108.6250, 112.3230, 40.3790

Trichromacy



Original Color

88.1890, 103.9690, 92.6810



Protanomaly

113.0550, 17.6440, 43.6920



Deuteranomaly

114.4430, 45.4300, 35.7180



Tritanomaly

101.2620, 109.7520, 59.4480

Monochromacy



Original Color

88.1890, 103.9690, 92.6810



Achromatopsia

88.0000, -0.0000, -0.0000



Achromatomaly

88.0830, 37.6360, 33.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.1890, 103.9690, 92.6810 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(245, 0, 131)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 131)  
}
```

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(245, 0, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 131) }
```

Border

The CSS property to change the border of an element to YIQ 88.1890, 103.9690, 92.6810 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(245, 0, 131) }
```


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

```
.border{ border-color:rgb(245, 0, 131) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 131);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 88.1890, 103.9690, 92.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 131) }
```

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

```
.background{ background-color: rgb(245, 0,  
131) }
```

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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