

Converting Colors

YIQ(107.5720, 86.5930, 88.2010)

Have a look what the booklet for
YIQ(107.5720, 86.5930, 88.2010)
contains.

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Color

**YIQ(107.5720, 86.5930,
88.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	F51BA2
RGB	245, 27, 162
RGB Percent	96%, 11%, 64%
CMY	0.0386, 0.8944, 0.3645
CMYK	0.00, 0.89, 0.34, 0.04
HSL	323°, 92%, 53%
HSV	323°, 89%, 96%
XYZ	44.6267, 22.8306, 36.2655
YIQ	107.5720, 86.5930, 88.2010

Conversions

Conversions Part 2

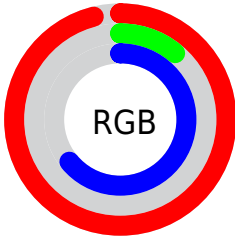
Format	Color
R_{YB}	245, 27, 162
Decimal	16063394
CIE _{Lab}	54.90, 83.02, -16.40
CIE _{LCh}	55, 84.629, 348.827
Yxy	22.8306, 0.4302, 0.2201
Android (android.graphics.Color)	4294253474 (0xFFFF51BA2)
YUV	107.5720, 26.8330, 120.5244
Hunter-Lab	47.7814, 83.0973, -11.5534

Details

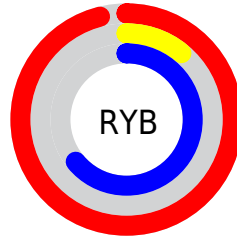
The YIQ color **107.5720, 86.5930, 88.2010** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **164.4280, -86.5930, -88.2010**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2050, 53.1730, 66.1090**, and **67.2570, 73.7580, 73.0060** is the 20% darker color. If you saturate the color by 10%, you get **91.8710, 96.3570, 98.4770**, and if you desaturate by 10%, it is **122.6860, 77.1040, 78.4480**.

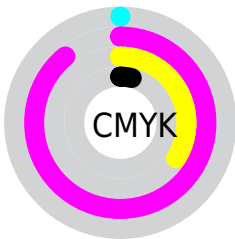
Distribution



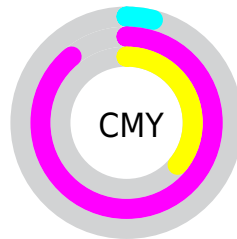
- Red (96%)
- Green (11%)
- Blue (64%)



- Red (96%)
- Yellow (11%)
- Blue (64%)



- Cyan (0%)
- Magenta (89%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (89%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.5720, 86.5930, 88.2010 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 107.5720, 86.5930, 88.2010 by changing the saturation by 10% instead.


 107.5720, 86.5930,
88.2010


 107.5720, 86.5930,
88.2010


255.0000, -0.0000,
-0.0000


 79.4900, 83.8880,
87.6640


 163.2050, 53.1730,
66.1090


 67.2570, 73.7580,
73.0060


 184.5940, 35.6600,
58.6040


 55.5510, 63.5820,
59.1820


 203.3440, 24.2000,
46.0240

 43.9590, 53.0850,
45.6690

 221.5410, 15.6750,
29.8110

 32.4810, 42.2670,
32.4670

 239.1510, 7.4250,
14.1210

 21.3020, 32.0450,
19.4770

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 107.5720, 86.5930,
88.2010

■ 107.5720, 86.5930,
88.2010

■ 91.8710, 96.3570,
98.4770

■ 122.6860, 77.1040,
78.4480

■ 90.5830, 97.2280,
99.2120

■ 138.5010, 67.0190,
68.4830

■ 153.6150, 57.5300,
58.7300

■ 169.3160, 47.7660,
48.4540

■ 185.1310, 37.6810,
38.4890

■ 200.2450, 28.1920,
28.7360

■ 215.9460, 18.4280,
18.4600

■ 231.1740, 8.6180,
9.0180

■ 246.8750, -1.1460,
-1.2580

Harmonies

Analogous

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



131.9250, 16.0350, 67.3550



107.5720, 86.5930, 88.2010



101.6530, 116.2610, 68.1410

Triad

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



107.5720, 86.5930, 88.2010



118.0380, 30.0860, -49.6740



121.5080, -121.6820, -8.4180

Complementary

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



107.5720, 86.5930, 88.2010



164.4280, -86.5930, -88.2010

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.



115.2720, -101.3670, -29.6790



107.5720, 86.5930, 88.2010



91.6690, -44.5510, -79.1990

Square

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



107.5720, 86.5930, 88.2010



123.6840, 76.0220, -23.1300



105.3200, -76.1000, -52.5800



116.5330, -122.8300, 1.3780

Rectangle

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



107.5720, 86.5930, 88.2010



115.3010, 112.8750, 30.3710



105.3200, -76.1000, -52.5800



119.9290, -115.8580, -14.8500

Sweetspot

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



107.5720, 86.5930, 88.2010



211.5330, 27.3210, 28.0010



75.7720, -22.2980, 84.7580



102.1090, 16.4110, 16.4670



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.



107.5720, 86.5930, 88.2010



94.2570, 101.2620, 103.1980



95.4880, 120.6190, 55.2350



114.5000, 4.5840, 5.0320



68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Inverse Universe

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



107.5720, 86.5930, 88.2010



94.2570, 101.2620, 103.1980



176.5120, -120.6190, -55.2350



114.5000, 4.5840, 5.0320



68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 107.5720, 86.5930, 88.2010 looks on a white background.

Color Contrast Check

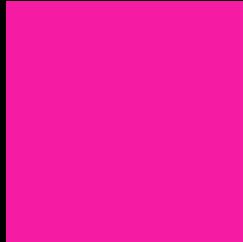
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.5720, 86.5930, 88.2010 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 107.5720, 86.5930, 88.2010

Background



This preview shows how black text looks on a background with the YIQ color 107.5720, 86.5930, 88.2010.



This preview shows how white text looks on a background with the YIQ color 107.5720, 86.5930,

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

107.5720, 86.5930, 88.2010

Protanopia

128.0270, -56.2150, 22.0970

Deuteranopia

133.6010, -2.8900, 8.3260



Tritanopia

119.3570, 101.2740, 36.8740

Trichromacy



Original Color

107.5720, 86.5930, 88.2010



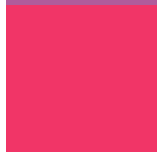
Protanomaly

120.6150, -4.3640, 46.0680



Deuteranomaly

124.2980, 29.8410, 37.4010



Tritanomaly

114.9120, 95.9980, 55.4060

Monochromacy



Original Color

107.5720, 86.5930, 88.2010



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

108.2070, 31.3550, 31.9870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.5720, 86.5930, 88.2010 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, 27, 162)` looks like.

```
.text, #text, p{  
    color:rgb(245, 27, 162)  
}
```

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, 27, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 27, 162) }
```

Border

The CSS property to change the border of an element to YIQ 107.5720, 86.5930, 88.2010 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, 27, 162) }
```


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

```
.border{ border-color:rgb(245, 27, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 27, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 27, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 27, 162);  
box-shadow:4px 4px 4px 4px rgb(245, 27,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 107.5720, 86.5930, 88.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 27, 162) }
```

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

```
.background{ background-color: rgb(245, 27,  
162) }
```

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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