

Converting Colors

YIQ(88.2150, 118.2750, 86.7150)

Have a look what the booklet for
YIQ(88.2150, 118.2750, 86.7150)
contains.

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Color

**YIQ(88.2150, 118.2750,
86.7150)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF0069 |
| RGB | 255, 0, 105 |
| RGB Percent | 100%, 0%, 41% |
| CMY | 0.0000, 0.9997, 0.5878 |
| CMYK | 0.00, 1.00, 0.59, 0.00 |
| HSL | 335°, 100%, 50% |
| HSV | 335°, 100%, 100% |
| XYZ | 43.7949, 22.2820, 15.3839 |
| YIQ | 88.2150, 118.2750, 86.7150 |

Conversions

Conversions Part 2

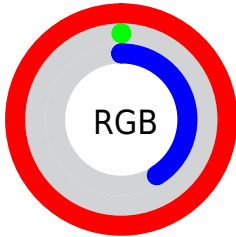
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 0, 105 |
| Decimal | 16711785 |
| CIE _{Lab} | 54.32, 83.06, 17.08 |
| CIE _{LCh} | 54, 84.801, 11.621 |
| Yxy | 22.2820, 0.5376, 0.2735 |
| Android (android.graphics.Color) | 4294901865 (0xFFFF0069) |
| YUV | 88.2150, 8.2750, 146.2704 |
| Hunter-Lab | 47.2038, 83.0028, 13.7198 |

Details

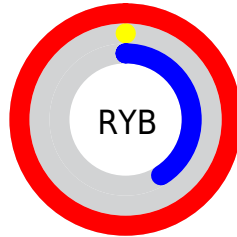
The YIQ color **88.2150, 118.2750, 86.7150** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **166.7850, -118.2750, -86.7150**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.1420, 74.6790, 50.7990**, and **63.5360, 94.3010, 58.6290** is the 20% darker color. If you saturate the color by 10%, you get **88.2150, 118.2750, 86.7150**, and if you desaturate by 10%, it is **105.1870, 106.3100, 77.7820**.

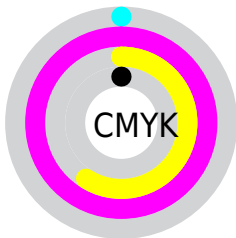
Distribution



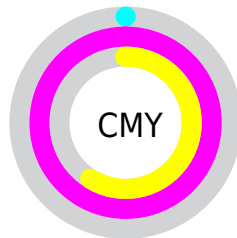
- Red (100%)
- Green (0%)
- Blue (41%)



- Red (100%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.2150, 118.2750, 86.7150 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 88.2150, 118.2750, 86.7150 by changing the saturation by 10% instead.


 88.2150, 118.2750,
86.7150


 88.2150, 118.2750,
86.7150


255.0000, -0.0000,
-0.0000


 75.9110, 106.9070,
72.4670


 152.1420, 74.6790,
50.7990


 63.5360, 94.3010,
58.6290


 174.0040, 57.2120,
42.4600


 51.5740, 81.9700,
45.3140


 195.2790, 40.0200,
34.6440

 40.0250, 69.9140,
32.5220

 216.0810, 22.7820,
27.6620

 28.8610, 55.3360,
21.3840

 236.2160, 8.8000,
16.7360

 19.4780, 37.1810,
14.5010

253.8260, 0.5500,

 8.7850, 16.9630,

1.0460

6.4590

■ 0.0000, 0.0000,
0.0000

■ 88.2150, 118.2750,
86.7150

■ 105.1870,
106.3100, 77.7820

■ 121.5720, 94.6200,
69.3720

■ 138.5440, 82.6550,
60.4390

■ 154.9290, 70.9650,
52.0290

■ 171.9010, 59.0000,
43.0960

■ 188.2860, 47.3100,
34.6860

■ 205.2580, 35.3450,
25.7530

■ 221.6430, 23.6550,
17.3430

■ 238.6150, 11.6900,
8.4100

Harmonies

Analogous

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



113.4500, 72.1970, 84.7810



88.2150, 118.2750, 86.7150



114.1390, 113.1510, 25.3670

Triad

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



88.2150, 118.2750, 86.7150



98.2050, -22.4530, -72.1890



117.7070, -123.3800, 0.3320

Complementary

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



88.2150, 118.2750, 86.7150



166.7850, -118.2750, -86.7150

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.



119.2110, -116.5920, -12.5600



88.2150, 118.2750, 86.7150



101.8660, -69.1300, -57.7540

Square

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



88.2150, 118.2750, 86.7150



119.3000, 41.2720, -43.1440



112.5190, -94.9930, -35.0650



105.3800, -117.6050, 11.3150

Rectangle

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



88.2150, 118.2750, 86.7150



120.0280, 99.0810, -5.9990



112.5190, -94.9930, -35.0650



120.0550, -124.4800, -1.7600

Sweetspot

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



88.2150, 118.2750, 86.7150



205.2580, 35.3450, 25.7530



73.6210, 6.9490, 110.8930



97.9200, 21.3170, 15.6610



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.



88.2150, 118.2750, 86.7150



88.5720, 146.2050, 43.0770



119.4570, 6.1430, 4.3110



66.1150, 88.4770, 65.0610



22.1000, 29.7980, 21.6540

Inverse Universe

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



88.2150, 118.2750, 86.7150



166.4280, -146.2050, -43.0770



119.4570, 6.1430, 4.3110



66.1150, 88.4770, 65.0610



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 88.2150, 118.2750, 86.7150 looks on a white background.

Color Contrast Check

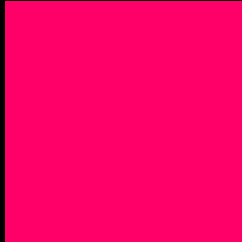
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.2150, 118.2750, 86.7150 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 88.2150, 118.2750, 86.7150

Background



This preview shows how black text looks on a background with the YIQ color 88.2150, 118.2750, 86.7150.



This preview shows how white text looks on a background with the YIQ color 88.2150, 118.2750,

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

88.2150, 118.2750, 86.7150

Protanopia

131.7250, -9.1710, 6.5170

Deuteranopia

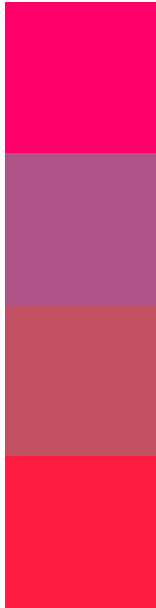
131.3220, 28.1520, -3.5920



Tritanopia

104.8610, 126.3980, 44.1100

Trichromacy



Original Color

88.2150, 118.2750, 86.7150

Protanomaly

116.2510, 37.2230, 35.7750

Deuteranomaly

115.5400, 60.9740, 29.3420

Tritanomaly

99.0910, 123.4150, 59.6310

Monochromacy



Original Color

88.2150, 118.2750, 86.7150

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.1390, 43.2300, 31.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.2150, 118.2750, 86.7150 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(255, 0, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 105)  
}
```

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(255, 0, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 105) }
```

Border

The CSS property to change the border of an element to YIQ 88.2150, 118.2750, 86.7150 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(255, 0, 105) }
```

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

```
.border{ border-color:rgb(255, 0, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 88.2150, 118.2750, 86.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 105) }
```

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

```
.background{ background-color: rgb(255, 0,  
105) }
```

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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