

Converting Colors

YIQ(123.9150, 83.8890, 82.1370)

Have a look what the booklet for
YIQ(123.9150, 83.8890, 82.1370)
contains.

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Color

**YIQ(123.9150, 83.8890,
82.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	FF30AB
RGB	255, 48, 171
RGB Percent	100%, 19%, 67%
CMY	0.0000, 0.8120, 0.3292
CMYK	0.00, 0.81, 0.33, 0.00
HSL	324°, 100%, 59%
HSV	324°, 81%, 100%
XYZ	49.6499, 26.3094, 41.0198
YIQ	123.9150, 83.8890, 82.1370

Conversions

Conversions Part 2

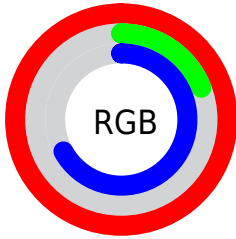
Format	Color
R _Y B	255, 48, 171
Decimal	16724139
CIE _{Lab}	58.33, 82.30, -16.29
CIE _{LCh}	58, 83.894, 348.802
Yxy	26.3094, 0.4244, 0.2249
Android (android.graphics.Color)	4294914219 (0xFFFF30AB)
YUV	123.9150, 23.2129, 114.9615
Hunter-Lab	51.2927, 83.0207, -11.5105

Details

The YIQ color **123.9150, 83.8890, 82.1370** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **179.0850, -83.8890, -82.1370**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.2750, 46.9840, 62.6320**, and **71.2730, 76.8290, 77.9250** is the 20% darker color. If you saturate the color by 10%, you get **107.5130, 94.2490, 92.6250**, and if you desaturate by 10%, it is **139.7300, 73.8040, 72.1720**.

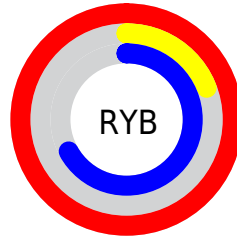
Distribution



Red (100%)

Green (19%)

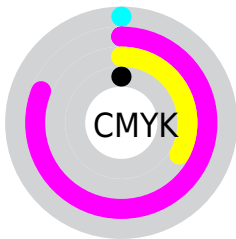
Blue (67%)



Red (100%)

Yellow (19%)

Blue (67%)

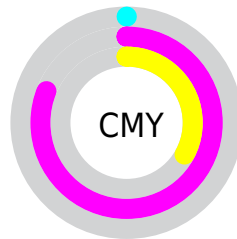


Cyan (0%)

Magenta (81%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.9150, 83.8890, 82.1370 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 123.9150, 83.8890, 82.1370 by changing the saturation by 10% instead.


 123.9150, 83.8890,
82.1370


 123.9150, 83.8890,
82.1370


255.0000, -0.0000,
-0.0000


 83.3920, 87.2800,
92.2720


 171.2750, 46.9840,
62.6320


 71.2730, 76.8290,
77.9250


 192.1910, 29.4250,
55.9610


 59.1540, 66.3780,
63.5780


 210.3880, 20.9000,
39.7480

 47.4480, 56.2020,
49.7540

 227.9980, 12.6500,
24.0580

 35.9700, 45.3840,
36.5520

 246.1950, 4.1250,
7.8450

 25.2040, 35.4370,
24.0850

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 123.9150, 83.8890,
82.1370

■ 123.9150, 83.8890,
82.1370

■ 107.5130, 94.2490,
92.6250

■ 139.7300, 73.8040,
72.1720

■ 93.5730, 103.1880,
101.3320

■ 156.2460, 63.1230,
61.9950

■ 172.0610, 53.0380,
52.0300

■ 188.4630, 42.6780,
41.5420

■ 204.3920, 32.2720,
31.8880

■ 220.7940, 21.9120,
21.4000

■ 236.6090, 11.8270,
11.4350

■ 253.1250, 1.1460,
1.2580

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



141.5120, 15.7600, 66.8320



123.9150, 83.8890, 82.1370



115.0060, 107.5970, 59.9570

Triad

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



123.9150, 83.8890, 82.1370



126.3110, 33.5710, -52.2610



127.8170, -127.0460, -10.3260

Complementary

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



123.9150, 83.8890, 82.1370



179.0850, -83.8890, -82.1370

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.



122.1680, -107.0060, -32.1100



123.9150, 83.8890, 82.1370



99.0040, -52.8040, -78.3080

Square

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



123.9150, 83.8890, 82.1370



131.9570, 79.5070, -25.7170



112.2160, -81.7390, -55.0110



121.2290, -125.0300, -2.8060

Rectangle

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



123.9150, 83.8890, 82.1370



126.0730, 113.5170, 29.7490



112.2160, -81.7390, -55.0110



126.7110, -121.1760, -17.5920

Sweetspot

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



123.9150, 83.8890, 82.1370



216.3430, 24.8000, 24.1280



96.4150, -16.9790, 81.9730



104.5710, 14.9900, 14.6860



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.



123.9150, 83.8890, 82.1370



98.6110, 100.0250, 98.0810



112.2870, 116.6310, 50.4150



119.6850, 5.5010, 4.9330



70.1050, 77.2420, 75.9460



23.4680, 25.9460, 25.3860

Inverse Universe

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



123.9150, 83.8890, 82.1370



98.6110, 100.0250, 98.0810



190.7130, -116.6310, -50.4150



119.6850, 5.5010, 4.9330



70.1050, 77.2420, 75.9460



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 123.9150, 83.8890, 82.1370 looks on a white background.

Color Contrast Check

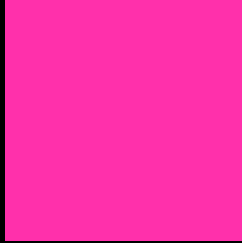
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.9150, 83.8890, 82.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

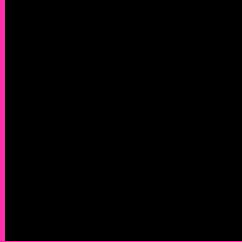
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 123.9150, 83.8890, 82.1370

Background



This preview shows how black text looks on a background with the YIQ color 123.9150, 83.8890, 82.1370.



This preview shows how white text looks on a background with the YIQ color 123.9150, 83.8890,

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

123.9150, 83.8890, 82.1370

Protanopia

138.0660, -51.9510, 21.9130

Deuteranopia

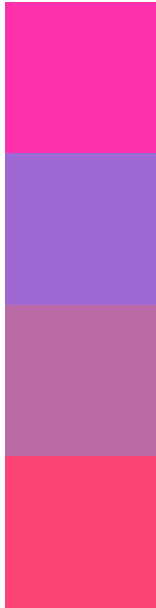
142.0140, -2.6150, 8.8490



Tritanopia

130.2860, 100.0360, 37.2840

Trichromacy



Original Color

123.9150, 83.8890, 82.1370

Protanomaly

132.8170, -2.1170, 43.8910

Deuteranomaly

135.6460, 28.7410, 35.3090

Tritanomaly

128.0750, 93.9810, 53.4130

Monochromacy



Original Color

123.9150, 83.8890, 82.1370

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8540, 30.8510, 30.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.9150, 83.8890, 82.1370 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, 48, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 171)  
}
```

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, 48, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 171) }
```

Border

The CSS property to change the border of an element to YIQ 123.9150, 83.8890, 82.1370 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, 48, 171) }
```


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

```
.border{ border-color:rgb(255, 48, 171) }
```

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

Here you see how a box with a 4 pixel rgb(255, 48, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 123.9150, 83.8890, 82.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 171) }
```

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

```
.background{ background-color: rgb(255, 48,  
171) }
```

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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