

Converting Colors

$Y_{xy}(26.5130, 0.4574, 0.2554)$

Have a look what the booklet for
Yxy(26.5130, 0.4574, 0.2554)
contains.

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Color

Yxy(26.5130, 0.4574, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	FD3F92
RGB	253, 63, 146
RGB Percent	99%, 25%, 57%
CMY	0.0077, 0.7531, 0.4274
CMYK	0.00, 0.75, 0.42, 0.01
HSL	334°, 98%, 62%
HSV	334°, 75%, 99%
XYZ	47.4826, 26.5130, 29.8141
YIQ	129.2720, 86.5970, 66.0930

Conversions

Conversions Part 2

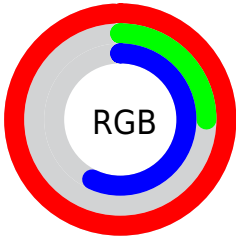
Format	Color
R _Y B	253, 63, 146
Decimal	16596882
CIE Lab	58.52, 75.53, -1.39
CIE LCh	59, 75.539, 358.947
Yxy	26.5130, 0.4574, 0.2554
Android (android.graphics.Color)	4294786962 (0xFFFD3F92)
YUV	129.2720, 8.2469, 108.5095
Hunter-Lab	51.4908, 74.4961, 1.7135

Details

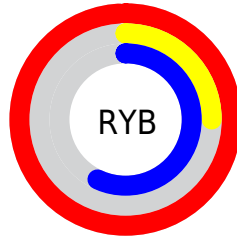
The Yxy color **26.5130, 0.4574, 0.2554** is a light color, and the websafe version is hex **FF3399**, and the color name is **french fuchsia**. The color can be described as light washed rose. A complement of this color would be **74.2259, 0.2635, 0.4401**, and the grayscale version is **21.9957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3518, 0.3723, 0.2541**, and **11.9209, 0.4953, 0.2502** is the 20% darker color. If you saturate the color by 10%, you get **23.9121, 0.4864, 0.2565**, and if you desaturate by 10%, it is **30.4580, 0.4291, 0.2593**.

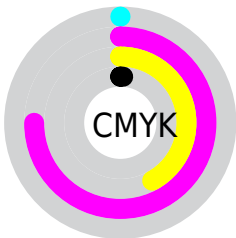
Distribution



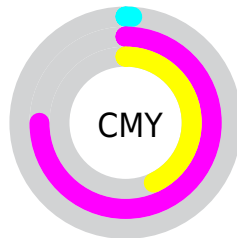
- Red (99%)
- Green (25%)
- Blue (57%)



- Red (99%)
- Yellow (25%)
- Blue (57%)



- Cyan (0%)
- Magenta (75%)
- Yellow (42%)
- Black (1%)





- Cyan (1%)
- Magenta (75%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5130, 0.4574, 0.2554 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 Yxy color 26.5130, 0.4574, 0.2554 by changing the saturation by 10% instead.


 26.5130, 0.4574,
0.2554


 26.5130, 0.4574,
0.2554


285.2914, 0.3796,
0.2948


 17.2078, 0.4785,
0.2448


 54.1014, 0.4279,
0.2703


 10.3828, 0.5064,
0.2309


 73.1534, 0.4171,
0.2757


 5.6535, 0.5448,
0.2118

 96.2231, 0.4082,
0.2802

 2.6355, 0.6005,
0.1844

 123.6949, 0.4007,
0.2840

 0.9446, 0.6853,
0.1431

 155.9533, 0.3943,
0.2873

 0.0000, 1.0000,
0.0000

193.3825, 0.3887,

 0.0000, 0.0000,

0.2901

0.0000

236.3671, 0.3838,
0.2926

■ 26.5130, 0.4574,
0.2554

■ 26.5130, 0.4574,
0.2554

■ 23.9121, 0.4864,
0.2565

■ 30.4580, 0.4291,
0.2593

■ 22.4564, 0.5142,
0.2631

■ 35.9009, 0.4029,
0.2670

■ 22.0262, 0.5271,
0.2677

■ 42.9789, 0.3798,
0.2772

■ 51.8124, 0.3599,
0.2886

■ 62.5106, 0.3431,
0.3005

 75.1734, 0.3292,
0.3123

 89.8937, 0.3178,
0.3235

99.6281, 0.3115,
0.3290

Harmonies

Analogous

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



26.5130, 0.3259, 0.1977



26.5130, 0.4574, 0.2554



26.5130, 0.5436, 0.3263

Triad

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



26.5130, 0.4574, 0.2554



26.5130, 0.3703, 0.5599



26.5130, 0.1206, 0.1870

Complementary

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



26.5130, 0.4574, 0.2554



74.2259, 0.2635, 0.4401

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.



26.5130, 0.1258, 0.2643



26.5130, 0.4574, 0.2554



26.5130, 0.2613, 0.5399

Square

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



26.5130, 0.4574, 0.2554



26.5130, 0.4722, 0.4904



26.5130, 0.1715, 0.4034



26.5130, 0.1490, 0.1588

Rectangle

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



26.5130, 0.4574, 0.2554



26.5130, 0.5518, 0.3773



26.5130, 0.1715, 0.4034



26.5130, 0.1185, 0.2062

Sweetspot

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



26.5145, 0.4574, 0.2554



66.1707, 0.3400, 0.3030



18.9142, 0.2383, 0.1268



13.2402, 0.3455, 0.2987



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5145, 0.4574, 0.2554



23.4776, 0.5004, 0.2590



25.9415, 0.5676, 0.3365



18.1189, 0.3225, 0.3187



11.7422, 0.5231, 0.2655



1.1648, 0.4945, 0.2498

Inverse Universe

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



26.5145, 0.4574, 0.2554



23.4776, 0.5004, 0.2590



72.5655, 0.2273, 0.3172



18.1189, 0.3225, 0.3187



11.7422, 0.5231, 0.2655



1.1648, 0.4945, 0.2498

Previews

White Background



This preview shows how the Yxy color 26.5130, 0.4574, 0.2554 looks on a white background.

Color Contrast Check

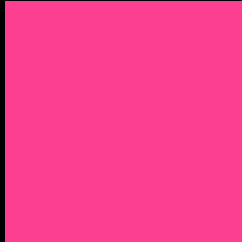
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.5130, 0.4574, 0.2554 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](#).

Yxy 26.5130, 0.4574, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 26.5130, 0.4574, 0.2554.



This preview shows how white text looks on a background with the Yxy color 26.5130, 0.4574, 0.2554.

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

26.5130, 0.4574, 0.2554

Protanopia

26.6755, 0.2526, 0.2466

Deuteranopia

26.4824, 0.3343, 0.3275



Tritanopia

26.5172, 0.5357, 0.3263

Trichromacy



Original Color

26.5130, 0.4574, 0.2554



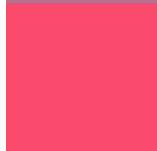
Protanomaly

23.2741, 0.3123, 0.2381



Deuteranomaly

23.9071, 0.3802, 0.2868



Tritanomaly

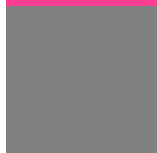
26.2831, 0.5092, 0.3006

Monochromacy



Original Color

26.5130, 0.4574, 0.2554



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

20.8511, 0.3669, 0.2846

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5130, 0.4574, 0.2554 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(253, 63, 146)` looks like.

```
.text, #text, p{  
    color:rgb(253, 63, 146)  
}
```

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(253, 63, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 63, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.5130, 0.4574, 0.2554 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(253, 63, 146) }
```

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

```
.border{ border-color:rgb(253, 63, 146) }
```

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

Here you see how a box with a 4 pixel rgb(253, 63, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 63, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 63, 146);  
box-shadow:4px 4px 4px 4px rgb(253, 63,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5130, 0.4574, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 63, 146) }
```

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

```
.background{ background-color: rgb(253, 63,  
146) }
```

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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