

Converting Colors

Yxy(26.6833, 0.4165, 0.2334)

Have a look what the booklet for
Yxy(26.6833, 0.4165, 0.2334)
contains.

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Color

Yxy(26.6530, 0.4156, 0.2331)

Conversions

Conversions Part 1

Format	Color
Hex	F743A9
RGB	247, 67, 169
RGB Percent	97%, 26%, 66%
CMY	0.0314, 0.7371, 0.3373
CMYK	0.00, 0.73, 0.32, 0.03
HSL	326°, 92%, 62%
HSV	326°, 73%, 97%
XYZ	47.5203, 26.6530, 40.1682
YIQ	132.4480, 74.5380, 69.8820

Conversions

Conversions Part 2

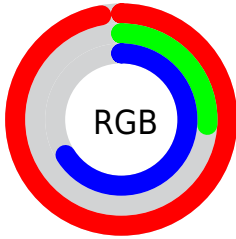
Format	Color
R _Y B	247, 67, 169
Decimal	16204713
CIE Lab	58.65, 75.07, -14.73
CIE LCh	59, 76.498, 348.898
Yxy	26.6530, 0.4156, 0.2331
Android (android.graphics.Color)	4294394793 (0xFFFF743A9)
YUV	132.4480, 18.0201, 100.4621
Hunter-Lab	51.6265, 73.9562, -9.9922

Details

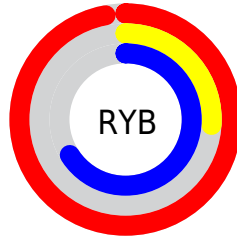
The Yxy color **26.6530, 0.4156, 0.2331** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **69.7509, 0.2739, 0.4695**, and the grayscale version is **23.1648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3423, 0.3469, 0.2349**, and **11.7235, 0.4423, 0.2210** is the 20% darker color. If you saturate the color by 10%, you get **23.9297, 0.4363, 0.2301**, and if you desaturate by 10%, it is **30.6633, 0.3956, 0.2409**.

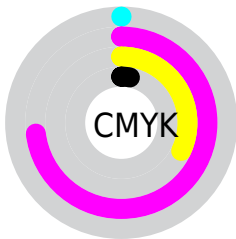
Distribution



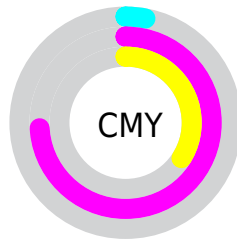
- Red (97%)
- Green (26%)
- Blue (66%)



- Red (97%)
- Yellow (26%)
- Blue (66%)



- Cyan (0%)
- Magenta (73%)
- Yellow (32%)
- Black (3%)





- Cyan (3%)
- Magenta (74%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6530, 0.4156, 0.2331 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 26.6530, 0.4156, 0.2331 by changing the saturation by 10% instead.


 26.6530, 0.4156,
0.2331


 26.6530, 0.4156,
0.2331


285.9731, 0.3618,
0.2815


 17.3128, 0.4297,
0.2210

 54.3265, 0.3955,
0.2507


 10.4578, 0.4482,
0.2056


 73.4287, 0.3881,
0.2573

 5.7035, 0.4733,
0.1854


 96.5535, 0.3819,
0.2629

 2.6656, 0.5091,
0.1579

 124.0856, 0.3767,
0.2677

 0.9598, 0.5635,
0.1193

 156.4091, 0.3722,
0.2718

 0.0000, 0.6983,
0.0000


193.9086, 0.3682,


 0.0000, 1.0000,

0.2755


0.0000

236.9685, 0.3648,
0.2787


 0.0000, 0.0000,
0.0000


 26.6530, 0.4156,
0.2331


 26.6530, 0.4156,
0.2331


 23.9297, 0.4363,
0.2301

 30.6633, 0.3956,
0.2409


 22.3167, 0.4569,
0.2324

 36.0986, 0.3771,
0.2522

 21.6620, 0.4712,
0.2369


 43.0835, 0.3606,
0.2658


 51.7279, 0.3462,
0.2806

 62.1316, 0.3339,
0.2958

 74.3865, 0.3236,
0.3108

 88.5779, 0.3149,
0.3251

 98.4871, 0.3080,
0.3293

 98.5108, 0.3078,
0.3290

Harmonies

Analogous

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



26.6530, 0.2840, 0.1822



26.6530, 0.4156, 0.2331



26.6530, 0.5261, 0.3012

Triad

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



26.6530, 0.4156, 0.2331



26.6530, 0.4065, 0.5439



26.6530, 0.1171, 0.2051

Complementary

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



26.6530, 0.4156, 0.2331



69.7509, 0.2739, 0.4695

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.



26.6530, 0.1346, 0.3040



26.6530, 0.4156, 0.2331



26.6530, 0.2967, 0.5643

Square

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



26.6530, 0.4156, 0.2331



26.6530, 0.5019, 0.4617



26.6530, 0.1961, 0.4578



26.6530, 0.1343, 0.1627

Rectangle

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



26.6530, 0.4156, 0.2331



26.6530, 0.5550, 0.3509



26.6530, 0.1961, 0.4578



26.6530, 0.1187, 0.2307

Sweetspot

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



26.6544, 0.4156, 0.2331



67.8124, 0.3330, 0.2971



16.7552, 0.2227, 0.1224



13.8135, 0.3361, 0.2929



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.



26.6544, 0.4156, 0.2331



24.8535, 0.4452, 0.2304



24.3555, 0.5494, 0.3203



16.6398, 0.3205, 0.3157



11.4873, 0.4680, 0.2352



1.0302, 0.4444, 0.2222

Inverse Universe

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



26.6544, 0.4156, 0.2331



24.8535, 0.4452, 0.2304



73.7026, 0.2358, 0.3437



16.6398, 0.3205, 0.3157



11.4873, 0.4680, 0.2352



1.0302, 0.4444, 0.2222

Previews

White Background



This preview shows how the Yxy color 26.6530, 0.4156, 0.2331 looks on a white background.

Color Contrast Check

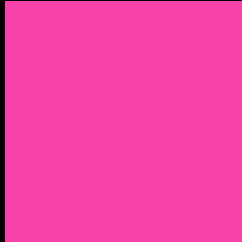
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6530, 0.4156, 0.2331 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 26.6530, 0.4156, 0.2331

Background



This preview shows how black text looks on a background with the Yxy color 26.6530, 0.4156, 0.2331.



This preview shows how white text looks on a background with the Yxy color 26.6530, 0.4156, 0.2331.

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

26.6530, 0.4156, 0.2331

Protanopia

27.0773, 0.2264, 0.2127

Deuteranopia

26.8832, 0.3015, 0.2960



Tritanopia

26.4884, 0.5110, 0.3239

Trichromacy



Original Color

26.6530, 0.4156, 0.2331



Protanomaly

23.6044, 0.2758, 0.2090



Deuteranomaly

24.3000, 0.3401, 0.2588



Tritanomaly

26.1725, 0.4792, 0.2898

Monochromacy



Original Color

26.6530, 0.4156, 0.2331



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.7681, 0.3526, 0.2748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6530, 0.4156, 0.2331 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(247, 67, 169)` looks like.

```
.text, #text, p{  
    color:rgb(247, 67, 169)  
}
```

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(247, 67, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 67, 169) }
```

Border

The CSS property to change the border of an element to Yxy 26.6530, 0.4156, 0.2331 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(247, 67, 169) }
```

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

```
.border{ border-color:rgb(247, 67, 169) }
```

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

Here you see how a box with a 4 pixel rgb(247, 67, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 67, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 67, 169);  
box-shadow:4px 4px 4px 4px rgb(247, 67,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6530, 0.4156, 0.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 67, 169) }
```

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

```
.background{ background-color: rgb(247, 67,  
169) }
```

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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