

Converting Colors

$Y_{xy}(26.9861, 0.4586, 0.2482)$

Have a look what the booklet for
Yxy(26.9861, 0.4586, 0.2482)
contains.

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Color

Yxy(26.1327, 0.4539, 0.2464)

Conversions

Conversions Part 1

Format	Color
Hex	FF3697
RGB	255, 54, 151
RGB Percent	100%, 21%, 59%
CMY	0.0001, 0.7880, 0.4078
CMYK	0.00, 0.79, 0.41, 0.00
HSL	331°, 100%, 61%
HSV	331°, 79%, 100%
XYZ	48.1397, 26.1327, 31.7856
YIQ	125.1570, 88.6590, 72.7790

Conversions

Conversions Part 2

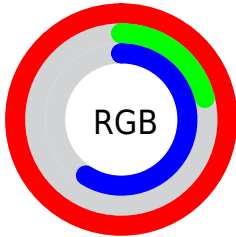
Format	Color
R_{YB}	255, 54, 151
Decimal	16725655
CIE _{Lab}	58.16, 78.89, -4.81
CIE _{LCh}	58, 79.037, 356.513
Yxy	26.1327, 0.4539, 0.2464
Android (android.graphics.Color)	4294915735 (0xFFFF3697)
YUV	125.1570, 12.7406, 113.8723
Hunter-Lab	51.1202, 78.6328, -1.0814

Details

The Yxy color **26.1327, 0.4539, 0.2464** 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 **74.7629, 0.2670, 0.4595**, and the grayscale version is **20.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3425, 0.3678, 0.2449**, and **12.2576, 0.4889, 0.2467** is the 20% darker color. If you saturate the color by 10%, you get **23.9428, 0.4799, 0.2485**, and if you desaturate by 10%, it is **29.6159, 0.4280, 0.2496**.

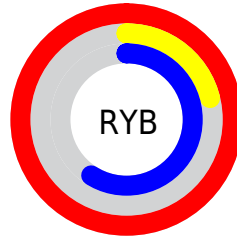
Distribution



Red (100%)

Green (21%)

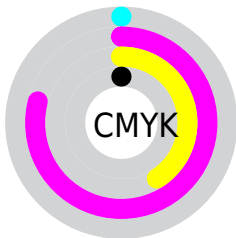
Blue (59%)



Red (100%)

Yellow (21%)

Blue (59%)

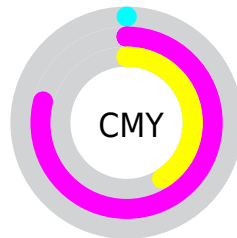


Cyan (0%)

Magenta (79%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1327, 0.4539, 0.2464 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 26.1327, 0.4539, 0.2464 by changing the saturation by 10% instead.


 26.1327, 0.4539,
0.2464


 26.1327, 0.4539,
0.2464


283.4329, 0.3783,
0.2898


 16.9229, 0.4743,
0.2350


 53.4889, 0.4253,
0.2626


 10.1796, 0.5012,
0.2202


 72.4042, 0.4149,
0.2686


 5.5182, 0.5381,
0.2001


 95.3235, 0.4062,
0.2736

 2.5544, 0.5915,
0.1718

 122.6311, 0.3989,
0.2778

 0.9038, 0.6726,
0.1304

 154.7114, 0.3926,
0.2814

 0.0000, 0.9478,
0.0000


191.9489, 0.3872,


 0.0000, 1.0000,


0.2846


0.0000


234.7279, 0.3824,
0.2874


 0.0000, 0.0000,
0.0000


 26.1327, 0.4539,
0.2464


 26.1327, 0.4539,
0.2464


 23.9428, 0.4799,
0.2485


 29.6159, 0.4280,
0.2496


 22.7934, 0.5048,
0.2560

 34.5599, 0.4036,
0.2571

 22.6870, 0.5077,
0.2570

 41.1116, 0.3817,
0.2676

 49.3984, 0.3625,
0.2798

 59.5350, 0.3462,
0.2928

71.6260, 0.3325,
0.3058

85.7683, 0.3211,
0.3185

99.9962, 0.3127,
0.3290

Harmonies

Analogous

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



26.1327, 0.3151, 0.1889



26.1327, 0.4539, 0.2464



26.1327, 0.5505, 0.3180

Triad

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



26.1327, 0.4539, 0.2464



26.1327, 0.3789, 0.5661



26.1327, 0.1133, 0.1851

Complementary

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



26.1327, 0.4539, 0.2464



74.7629, 0.2670, 0.4595

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.



26.1327, 0.1210, 0.2695



26.1327, 0.4539, 0.2464



26.1327, 0.2660, 0.5596

Square

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



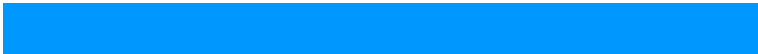
26.1327, 0.4539, 0.2464



26.1327, 0.4837, 0.4866



26.1327, 0.1709, 0.4207



26.1327, 0.1395, 0.1536

Rectangle

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



26.1327, 0.4539, 0.2464



26.1327, 0.5629, 0.3696



26.1327, 0.1709, 0.4207



26.1327, 0.1119, 0.2061

Sweetspot

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



26.1342, 0.4539, 0.2464



65.1001, 0.3393, 0.2991



17.1178, 0.2280, 0.1167



13.0422, 0.3443, 0.2944



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.



26.1342, 0.4539, 0.2464



23.1434, 0.4955, 0.2527



24.4895, 0.5878, 0.3318



18.1331, 0.3218, 0.3176



11.8864, 0.5039, 0.2549



1.1793, 0.4775, 0.2404

Inverse Universe

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



26.1342, 0.4539, 0.2464



23.1434, 0.4955, 0.2527



77.3940, 0.2277, 0.3247



18.1331, 0.3218, 0.3176



11.8864, 0.5039, 0.2549



1.1793, 0.4775, 0.2404

Previews

White Background



This preview shows how the Yxy color 26.1327, 0.4539, 0.2464 looks on a white background.

Color Contrast Check

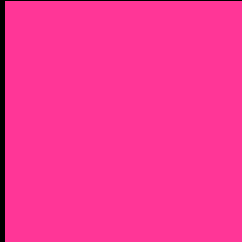
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1327, 0.4539, 0.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

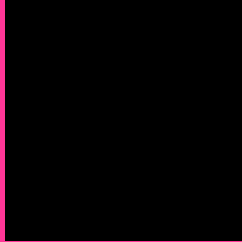
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1327, 0.4539, 0.2464

Background



This preview shows how black text looks on a background with the Yxy color 26.1327, 0.4539, 0.2464.



This preview shows how white text looks on a background with the Yxy color 26.1327, 0.4539, 0.2464.

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

26.1327, 0.4539, 0.2464

Protanopia

26.4585, 0.2403, 0.2304

Deuteranopia

26.3037, 0.3265, 0.3211



Tritanopia

26.2426, 0.5460, 0.3273

Trichromacy



Original Color

26.1327, 0.4539, 0.2464



Protanomaly

22.3430, 0.2983, 0.2209



Deuteranomaly

23.2996, 0.3731, 0.2760



Tritanomaly

25.8496, 0.5168, 0.2985

Monochromacy



Original Color

26.1327, 0.4539, 0.2464



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

19.4156, 0.3675, 0.2768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1327, 0.4539, 0.2464 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, 54, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 151)  
}
```

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, 54, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 151) }
```

Border

The CSS property to change the border of an element to Yxy 26.1327, 0.4539, 0.2464 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, 54, 151) }
```

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

```
.border{ border-color:rgb(255, 54, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1327, 0.4539, 0.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 151) }
```

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

```
.background{ background-color: rgb(255, 54,  
151) }
```

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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