

Converting Colors

$Y_{xy}(26.7297, 0.4357, 0.2365)$

Have a look what the booklet for
Yxy(26.7297, 0.4357, 0.2365)
contains.

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Color

Yxy(26.7327, 0.4352, 0.2361)

Conversions

Conversions Part 1

Format	Color
Hex	FF38A3
RGB	255, 56, 163
RGB Percent	100%, 22%, 64%
CMY	0.0000, 0.7806, 0.3607
CMYK	0.00, 0.78, 0.36, 0.00
HSL	328°, 100%, 61%
HSV	328°, 78%, 100%
XYZ	49.2760, 26.7327, 37.2174
YIQ	127.6990, 84.2570, 75.4650

Conversions

Conversions Part 2

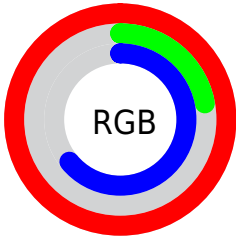
Format	Color
R _Y B	255, 56, 163
Decimal	16726179
CIE Lab	58.73, 79.57, -11.00
CIE LCh	59, 80.331, 352.130
Yxy	26.7327, 0.4352, 0.2361
Android (android.graphics.Color)	4294916259 (0xFFFF38A3)
YUV	127.6990, 17.4034, 111.6430
Hunter-Lab	51.7037, 79.6375, -6.4857

Details

The Yxy color **26.7327, 0.4352, 0.2361** 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 **74.4948, 0.2716, 0.4735**, and the grayscale version is **21.3803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2410, 0.3538, 0.2340**, and **12.4852, 0.4648, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **24.4526, 0.4578, 0.2365**, and if you desaturate by 10%, it is **30.2972, 0.4128, 0.2409**.

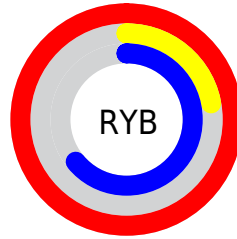
Distribution



Red (100%)

Green (22%)

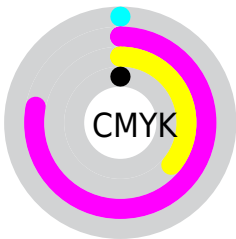
Blue (64%)



Red (100%)

Yellow (22%)

Blue (64%)

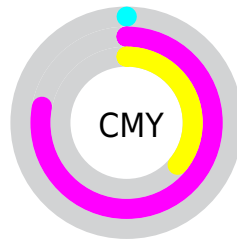


Cyan (0%)

Magenta (78%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (78%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7327, 0.4352, 0.2361 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 26.7327, 0.4352, 0.2361 by changing the saturation by 10% instead.


 26.7327, 0.4352,
0.2361


 26.7327, 0.4352,
0.2361


286.3606, 0.3706,
0.2835


 17.3726, 0.4523,
0.2241


 54.4546, 0.4110,
0.2535

 10.5005, 0.4747,
0.2088

 73.5852, 0.4021,
0.2599


 5.7320, 0.5052,
0.1885


 96.7415, 0.3947,
0.2654

 2.6828, 0.5490,
0.1607

 124.3077, 0.3884,
0.2701

 0.9685, 0.6152,
0.1215

 156.6683, 0.3830,
0.2741

 0.0000, 0.7834,
0.0000

194.2077, 0.3783,

 0.0000, 1.0000,

0.2776

0.0000

237.3104, 0.3742,
0.2807

■ 0.0000, 0.0000,
0.0000

■ 26.7327, 0.4352,
0.2361

■ 26.7327, 0.4352,
0.2361

■ 24.4526, 0.4578,
0.2365

■ 30.2972, 0.4128,
0.2409

■ 23.2442, 0.4796,
0.2424

■ 35.3322, 0.3918,
0.2498

■ 23.0707, 0.4838,
0.2439

■ 41.9754, 0.3728,
0.2618

■ 50.3529, 0.3561,
0.2754

■ 60.5780, 0.3418,
0.2898

 72.7544, 0.3297,
0.3043

 86.9782, 0.3196,
0.3183

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.7327, 0.2958, 0.1815



26.7327, 0.4352, 0.2361



26.7327, 0.5438, 0.3067

Triad

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



26.7327, 0.4352, 0.2361



26.7327, 0.3952, 0.5590



26.7327, 0.1111, 0.1925

Complementary

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



26.7327, 0.4352, 0.2361



74.4948, 0.2716, 0.4735

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.



26.7327, 0.1241, 0.2871



26.7327, 0.4352, 0.2361



26.7327, 0.2816, 0.5719

Square

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



26.7327, 0.4352, 0.2361



26.7327, 0.4977, 0.4735



26.7327, 0.1812, 0.4467



26.7327, 0.1325, 0.1547

Rectangle

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



26.7327, 0.4352, 0.2361



26.7327, 0.5656, 0.3577



26.7327, 0.1812, 0.4467



26.7327, 0.1114, 0.2164

Sweetspot

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



26.7270, 0.4352, 0.2361



66.4936, 0.3354, 0.2972



16.1090, 0.2178, 0.1123



13.3179, 0.3399, 0.2920



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.



26.7270, 0.4352, 0.2361



23.6308, 0.4708, 0.2395



24.4744, 0.5766, 0.3234



18.1505, 0.3209, 0.3163



12.0855, 0.4804, 0.2420



1.1988, 0.4571, 0.2292

Inverse Universe

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



26.7270, 0.4352, 0.2361



23.6308, 0.4708, 0.2395



78.9544, 0.2326, 0.3408



18.1505, 0.3209, 0.3163



12.0855, 0.4804, 0.2420



1.1988, 0.4571, 0.2292

Previews

White Background



This preview shows how the Yxy color 26.7327, 0.4352, 0.2361 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 26.7327, 0.4352, 0.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

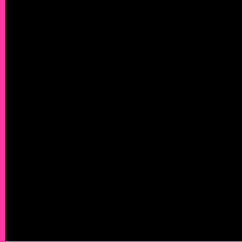
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7327, 0.4352, 0.2361

Background



This preview shows how black text looks on a background with the Yxy color 26.7327, 0.4352, 0.2361.



This preview shows how white text looks on a background with the Yxy color 26.7327, 0.4352, 0.2361.

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

26.7327, 0.4352, 0.2361

Protanopia

27.0904, 0.2276, 0.2139

Deuteranopia

26.6753, 0.3106, 0.3038



Tritanopia

26.7014, 0.5364, 0.3263

Trichromacy



Original Color

26.7327, 0.4352, 0.2361



Protanomaly

23.0601, 0.2815, 0.2074



Deuteranomaly

23.8508, 0.3543, 0.2625



Tritanomaly

26.3942, 0.5037, 0.2929

Monochromacy



Original Color

26.7327, 0.4352, 0.2361



Achromatopsia

21.5861, 0.3127, 0.3290



Achromatomaly

20.4245, 0.3594, 0.2718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7327, 0.4352, 0.2361 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, 56, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 163)  
}
```

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, 56, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 163) }
```

Border

The CSS property to change the border of an element to Yxy 26.7327, 0.4352, 0.2361 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, 56, 163) }
```

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

```
.border{ border-color:rgb(255, 56, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 56, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7327, 0.4352, 0.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 163) }
```

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

```
.background{ background-color: rgb(255, 56,  
163) }
```

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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