

Converting Colors

$Y_{xy}(26.5976, 0.4349, 0.2350)$

Have a look what the booklet for
Yxy(26.5976, 0.4349, 0.2350)
contains.

Yxy(26.5427, 0.4355, 0.2351)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5427, 0.4355, 0.2351)

Conversions

Conversions Part 1

Format	Color
Hex	FF36A3
RGB	255, 54, 163
RGB Percent	100%, 21%, 64%
CMY	0.0000, 0.7881, 0.3607
CMYK	0.00, 0.79, 0.36, 0.00
HSL	327°, 100%, 61%
HSV	327°, 79%, 100%
XYZ	49.1678, 26.5427, 37.1891
YIQ	126.5250, 84.8070, 76.5110

Conversions

Conversions Part 2

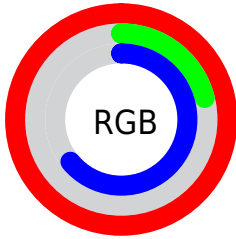
Format	Color
R _Y B	255, 54, 163
Decimal	16725667
CIE Lab	58.55, 80.05, -11.27
CIE LCh	59, 80.835, 351.985
Yxy	26.5427, 0.4355, 0.2351
Android (android.graphics.Color)	4294915747 (0xFFFF36A3)
YUV	126.5250, 17.9822, 112.6726
Hunter-Lab	51.5196, 80.1923, -6.7344

Details

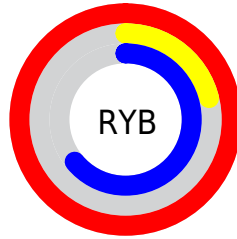
The Yxy color **26.5427, 0.4355, 0.2351** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.3730, 0.2720, 0.4763**, and the grayscale version is **20.9742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9967, 0.3540, 0.2331**, and **12.4852, 0.4648, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **24.3594, 0.4578, 0.2359**, and if you desaturate by 10%, it is **30.0098, 0.4134, 0.2396**.

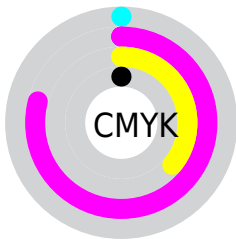
Distribution



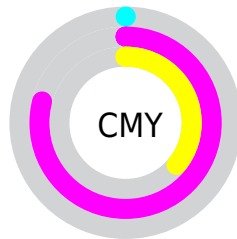
- Red (100%)
- Green (21%)
- Blue (64%)



- Red (100%)
- Yellow (21%)
- Blue (64%)



- Cyan (0%)
- Magenta (79%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (79%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5427, 0.4355, 0.2351 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 26.5427, 0.4355, 0.2351 by changing the saturation by 10% instead.

 26.5427, 0.4355,
0.2351


 26.5427, 0.4355,
0.2351


285.4361, 0.3707,
0.2830


 17.2301, 0.4526,
0.2230


 54.1492, 0.4112,
0.2526

 10.3987, 0.4751,
0.2075


 73.2118, 0.4023,
0.2592


 5.6641, 0.5058,
0.1871


 96.2932, 0.3949,
0.2647

 2.6419, 0.5496,
0.1591

 123.7779, 0.3886,
0.2694

 0.9478, 0.6160,
0.1196

 156.0500, 0.3831,
0.2735

 0.0000, 0.7830,
0.0000


193.4942, 0.3784,

 0.0000, 1.0000,

0.2771


0.0000

236.4948, 0.3743,
0.2802


 0.0000, 0.0000,
0.0000


 26.5427, 0.4355,
0.2351


 26.5427, 0.4355,
0.2351


 24.3594, 0.4578,
0.2359


 30.0098, 0.4134,
0.2396


 23.2075, 0.4793,
0.2419

 34.9278, 0.3925,
0.2484

 23.1009, 0.4819,
0.2428

 41.4431, 0.3736,
0.2603

 49.6827, 0.3569,
0.2739

 59.7609, 0.3425,
0.2884

71.7820, 0.3304,
0.3030

85.8424, 0.3202,
0.3171

99.9977, 0.3127,
0.3290

Harmonies

Analogous

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



26.5427, 0.2950, 0.1804



26.5427, 0.4355, 0.2351



26.5427, 0.5453, 0.3059

Triad

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



26.5427, 0.4355, 0.2351



26.5427, 0.3957, 0.5601



26.5427, 0.1100, 0.1917

Complementary

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



26.5427, 0.4355, 0.2351



74.3730, 0.2720, 0.4763

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.



26.5427, 0.1231, 0.2872



26.5427, 0.4355, 0.2351



26.5427, 0.2815, 0.5746

Square

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



26.5427, 0.4355, 0.2351



26.5427, 0.4990, 0.4734



26.5427, 0.1805, 0.4486



26.5427, 0.1312, 0.1537

Rectangle

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



26.5427, 0.4355, 0.2351



26.5427, 0.5675, 0.3570



26.5427, 0.1805, 0.4486



26.5427, 0.1102, 0.2158

Sweetspot

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



26.5442, 0.4355, 0.2351



65.3001, 0.3364, 0.2955



15.8319, 0.2167, 0.1109



13.0901, 0.3409, 0.2903



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.



26.5442, 0.4355, 0.2351



23.5590, 0.4712, 0.2391



24.2704, 0.5797, 0.3236



18.1519, 0.3209, 0.3162



12.1026, 0.4785, 0.2410



1.2005, 0.4555, 0.2283

Inverse Universe

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



26.5442, 0.4355, 0.2351



23.5590, 0.4712, 0.2391



78.8864, 0.2323, 0.3410



18.1519, 0.3209, 0.3162



12.1026, 0.4785, 0.2410



1.2005, 0.4555, 0.2283

Previews

White Background



This preview shows how the Yxy color 26.5427, 0.4355, 0.2351 looks on a white background.

Color Contrast Check

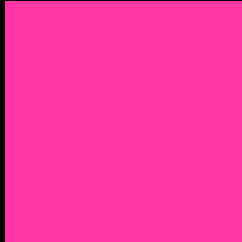
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5427, 0.4355, 0.2351 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 26.5427, 0.4355, 0.2351

Background



This preview shows how black text looks on a background with the Yxy color 26.5427, 0.4355, 0.2351.



This preview shows how white text looks on a background with the Yxy color 26.5427, 0.4355, 0.2351.

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

26.5427, 0.4355, 0.2351

Protanopia

27.0773, 0.2264, 0.2127

Deuteranopia

26.5808, 0.3096, 0.3037



Tritanopia

26.5405, 0.5384, 0.3264

Trichromacy



Original Color

26.5427, 0.4355, 0.2351



Protanomaly

22.7412, 0.2803, 0.2058



Deuteranomaly

23.6411, 0.3545, 0.2612



Tritanomaly

26.2456, 0.5056, 0.2932

Monochromacy



Original Color

26.5427, 0.4355, 0.2351



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

20.0065, 0.3614, 0.2703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5427, 0.4355, 0.2351 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 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, 54, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 163) }
```

Border

The CSS property to change the border of an element to Yxy 26.5427, 0.4355, 0.2351 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, 163) }
```

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

```
.border{ border-color:rgb(255, 54, 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, 54, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5427, 0.4355, 0.2351 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, 163) }
```

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

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