

Converting Colors

$Y_{xy}(28.1348, 0.4138, 0.2190)$

Have a look what the booklet for
Yxy(28.1348, 0.4138, 0.2190)
contains.

Yxy(26.9601, 0.4067, 0.2153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.9601, 0.4067, 0.2153)

Conversions

Conversions Part 1

Format	Color
Hex	FF32B7
RGB	255, 50, 183
RGB Percent	100%, 20%, 72%
CMY	0.0000, 0.8038, 0.2822
CMYK	0.00, 0.80, 0.28, 0.00
HSL	321°, 100%, 60%
HSV	321°, 80%, 100%
XYZ	50.9274, 26.9601, 47.3336
YIQ	126.4570, 79.4870, 84.8230

Conversions

Conversions Part 2

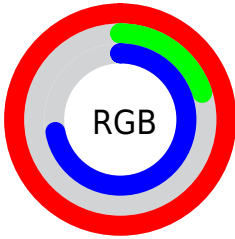
Format	Color
R_{YB}	255, 50, 183
Decimal	16724663
CIE _{Lab}	58.94, 83.10, -22.30
CIE _{LCh}	59, 86.043, 344.976
Yxy	26.9601, 0.4067, 0.2153
Android (android.graphics.Color)	4294914743 (0xFFFF32B7)
YUV	126.4570, 27.8757, 112.7322
Hunter-Lab	51.9231, 84.2116, -17.7031

Details

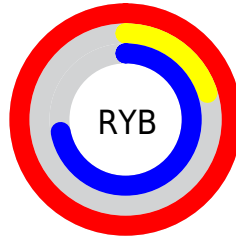
The Yxy color **26.9601, 0.4067, 0.2153** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **73.5977, 0.2806, 0.5088**, and the grayscale version is **20.9154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6856, 0.3333, 0.2138**, and **12.9492, 0.4251, 0.2115** is the 20% darker color. If you saturate the color by 10%, you get **24.9923, 0.4224, 0.2145**, and if you desaturate by 10%, it is **30.1666, 0.3909, 0.2213**.

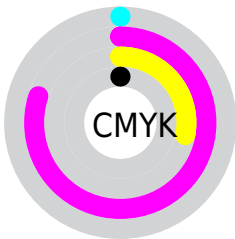
Distribution



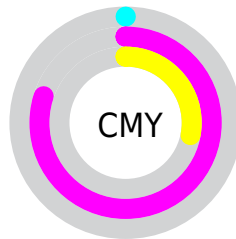
- Red (100%)
- Green (20%)
- Blue (72%)



- Red (100%)
- Yellow (20%)
- Blue (72%)



- Cyan (0%)
- Magenta (80%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (80%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9601, 0.4067, 0.2153 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 26.9601, 0.4067, 0.2153 by changing the saturation by 10% instead.


 26.9601, 0.4067,
0.2153


 26.9601, 0.4067,
0.2153


287.4639, 0.3589,
0.2710


 17.5433, 0.4187,
0.2020


 54.8198, 0.3892,
0.2352


 10.6226, 0.4342,
0.1853


 74.0315, 0.3827,
0.2427

 5.8137, 0.4547,
0.1639


 97.2769, 0.3772,
0.2492

 2.7321, 0.4830,
0.1360

 124.9405, 0.3724,
0.2548

 0.9935, 0.5239,
0.0989

 157.4066, 0.3684,
0.2596

 0.0000, 0.6176,
0.0000

195.0596, 0.3648,

 0.0000, 0.7929,

0.2639

0.0000

238.2839, 0.3617,
0.2676

■ 0.0000, 0.0000,
0.0000

■ 26.9601, 0.4067,
0.2153

■ 26.9601, 0.4067,
0.2153

■ 24.9923, 0.4224,
0.2145

■ 30.1666, 0.3909,
0.2213

■ 23.9917, 0.4371,
0.2182

■ 34.7839, 0.3758,
0.2316

■ 40.9611, 0.3616,
0.2453

■ 48.8274, 0.3489,
0.2612

■ 58.4981, 0.3377,
0.2781

70.0785, 0.3281,
0.2954

83.6657, 0.3199,
0.3122

99.3501, 0.3130,
0.3284

99.9983, 0.3127,
0.3290

Harmonies

Analogous

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



26.9601, 0.2631, 0.1650



26.9601, 0.4067, 0.2153



26.9601, 0.5387, 0.2851

Triad

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



26.9601, 0.4067, 0.2153



26.9601, 0.4224, 0.5504



26.9601, 0.1022, 0.2011

Complementary

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



26.9601, 0.4067, 0.2153



73.5977, 0.2806, 0.5088

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.



26.9601, 0.1239, 0.3182



26.9601, 0.4067, 0.2153



26.9601, 0.3045, 0.5990

Square

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



26.9601, 0.4067, 0.2153



26.9601, 0.5253, 0.4523



26.9601, 0.1941, 0.4985



26.9601, 0.1162, 0.1516

Rectangle

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



26.9601, 0.4067, 0.2153



26.9601, 0.5775, 0.3360



26.9601, 0.1941, 0.4985



26.9601, 0.1049, 0.2311

Sweetspot

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



26.9615, 0.4067, 0.2153



65.6671, 0.3314, 0.2891



13.6230, 0.1990, 0.0997



13.1785, 0.3349, 0.2830



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.



26.9615, 0.4067, 0.2153



24.3479, 0.4310, 0.2163



24.1322, 0.5617, 0.3091



18.1857, 0.3192, 0.3137



12.5666, 0.4347, 0.2168



1.2443, 0.4182, 0.2078

Inverse Universe

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



26.9615, 0.4067, 0.2153



24.3479, 0.4310, 0.2163



77.5880, 0.2395, 0.3674



18.1857, 0.3192, 0.3137



12.5666, 0.4347, 0.2168



1.2443, 0.4182, 0.2078

Previews

White Background



This preview shows how the Yxy color 26.9601, 0.4067, 0.2153 looks on a white background.

Color Contrast Check

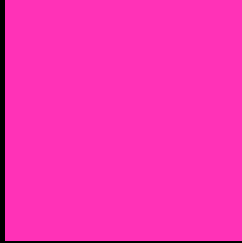
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9601, 0.4067, 0.2153 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 26.9601, 0.4067, 0.2153

Background



This preview shows how black text looks on a background with the Yxy color 26.9601, 0.4067, 0.2153.



This preview shows how white text looks on a background with the Yxy color 26.9601, 0.4067, 0.2153.

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

26.9601, 0.4067, 0.2153

Protanopia

27.5697, 0.2036, 0.1829

Deuteranopia

27.1065, 0.2835, 0.2778



Tritanopia

27.0017, 0.5272, 0.3262

Trichromacy



Original Color

26.9601, 0.4067, 0.2153



Protanomaly

22.5726, 0.2484, 0.1771



Deuteranomaly

23.5951, 0.3242, 0.2362



Tritanomaly

26.5740, 0.4874, 0.2836

Monochromacy



Original Color

26.9601, 0.4067, 0.2153



Achromatopsia

20.8637, 0.3127, 0.3290



Achromatomaly

19.7262, 0.3508, 0.2576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9601, 0.4067, 0.2153 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, 50, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 183)  
}
```

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, 50, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 183) }
```

Border

The CSS property to change the border of an element to Yxy 26.9601, 0.4067, 0.2153 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, 50, 183) }
```

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

```
.border{ border-color:rgb(255, 50, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 50, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9601, 0.4067, 0.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 183) }
```

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

```
.background{ background-color: rgb(255, 50,  
183) }
```

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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