

Converting Colors

$Y_{xy}(26.5608, 0.3567, 0.1739)$

Have a look what the booklet for
Yxy(26.5608, 0.3567, 0.1739)
contains.

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Color

Yxy(26.5339, 0.3573, 0.1742)

Conversions

Conversions Part 1

Format	Color
Hex	FF00DE
RGB	255, 0, 222
RGB Percent	100%, 0%, 87%
CMY	0.0000, 0.9996, 0.1294
CMYK	0.00, 1.00, 0.13, 0.00
HSL	308°, 100%, 50%
HSV	308°, 100%, 100%
XYZ	54.4234, 26.5339, 71.3613
YIQ	101.5530, 80.7180, 123.1020

Conversions

Conversions Part 2

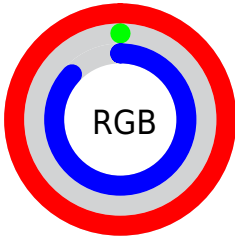
Format	Color
R _Y B	255, 0, 222
Decimal	16711902
CIE Lab	58.54, 93.90, -45.21
CIE LCh	59, 104.216, 334.292
Yxy	26.5339, 0.3573, 0.1742
Android (android.graphics.Color)	4294901982 (0xFFFF00DE)
YUV	101.5530, 59.3804, 134.5730
Hunter-Lab	51.5111, 98.4478, -46.0801

Details

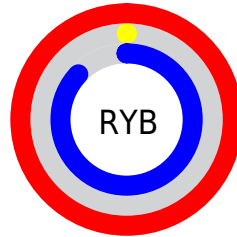
The Yxy color **26.5339, 0.3573, 0.1742** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **71.6280, 0.2977, 0.5918**, and the grayscale version is **13.0070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3806, 0.3192, 0.1907**, and **14.0906, 0.3599, 0.1756** is the 20% darker color. If you saturate the color by 10%, you get **26.5325, 0.3573, 0.1742**, and if you desaturate by 10%, it is **27.4329, 0.3529, 0.1753**.

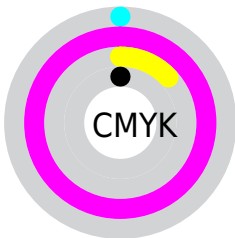
Distribution



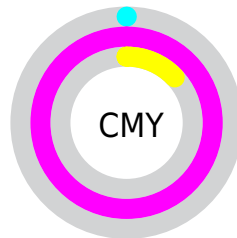
- Red (100%)
- Green (0%)
- Blue (87%)



- Red (100%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5339, 0.3573, 0.1742 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 26.5339, 0.3573, 0.1742 by changing the saturation by 10% instead.


 26.5339, 0.3573,
0.1742


 26.5339, 0.3573,
0.1742


285.3932, 0.3385,
0.2453


 17.2235, 0.3609,
0.1587

 54.1350, 0.3513,
0.1984

 10.3940, 0.3648,
0.1401


 73.1945, 0.3488,
0.2080


 5.6609, 0.3690,
0.1176


 96.2725, 0.3466,
0.2163

 2.6400, 0.3730,
0.0905

 123.7533, 0.3446,
0.2236

 0.9468, 0.3754,
0.0587

 156.0214, 0.3429,
0.2300

 0.0000, 0.3819,
0.0000

193.4611, 0.3413,

 0.0000, 0.3536,

0.2356

0.0000

236.4569, 0.3398,
0.2407

■ 0.0000, 0.0563,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.5339, 0.3573,
0.1742

■ 26.5339, 0.3573,
0.1742

■ 26.5325, 0.3573,
0.1742

■ 27.4329, 0.3529,
0.1753

■ 29.2701, 0.3482,
0.1804

■ 32.3311, 0.3433,
0.1900

■ 36.7904, 0.3382,
0.2039

42.7945, 0.3331,
0.2213

50.4713, 0.3283,
0.2414

59.9354, 0.3238,
0.2630

71.2914, 0.3196,
0.2853

84.6356, 0.3160,
0.3076

Harmonies

Analogous

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



26.5339, 0.2057, 0.1308



26.5339, 0.3573, 0.1742



26.5339, 0.5366, 0.2436

Triad

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



26.5339, 0.3573, 0.1742



26.5339, 0.4689, 0.5311



26.5339, 0.0787, 0.2110

Complementary

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



26.5339, 0.3573, 0.1742



71.6280, 0.2977, 0.5918

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.



26.5339, 0.1135, 0.3856



26.5339, 0.3573, 0.1742



26.5339, 0.3330, 0.6419

Square

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



26.5339, 0.3573, 0.1742



26.5339, 0.5807, 0.4116



26.5339, 0.2063, 0.6122



26.5339, 0.0832, 0.1380

Rectangle

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



26.5339, 0.3573, 0.1742



26.5339, 0.6099, 0.2950



26.5339, 0.2063, 0.6122



26.5339, 0.0848, 0.2555

Sweetspot

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



26.5352, 0.3573, 0.1742



59.8987, 0.3238, 0.2630



7.4953, 0.1534, 0.0619



11.9192, 0.3256, 0.2537



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.



26.5352, 0.3573, 0.1742



26.5336, 0.3573, 0.1742



22.1394, 0.5493, 0.2800



18.2575, 0.3158, 0.3086



13.8802, 0.3566, 0.1738



1.3623, 0.3520, 0.1713

Inverse Universe

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



26.5352, 0.3573, 0.1742



26.5336, 0.3573, 0.1742



73.9618, 0.2618, 0.4625



18.2575, 0.3158, 0.3086



13.8802, 0.3566, 0.1738



1.3623, 0.3520, 0.1713

Previews

White Background



This preview shows how the Yxy color 26.5339, 0.3573, 0.1742 looks on a white background.

Color Contrast Check

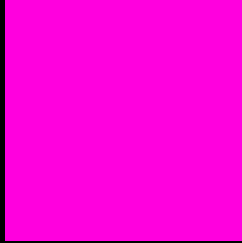
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5339, 0.3573, 0.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

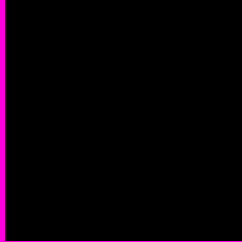
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5339, 0.3573, 0.1742

Background



This preview shows how black text looks on a background with the Yxy color 26.5339, 0.3573, 0.1742.



This preview shows how white text looks on a background with the Yxy color 26.5339, 0.3573, 0.1742.

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

26.5339, 0.3573, 0.1742

Protanopia

27.2818, 0.1970, 0.1745

Deuteranopia

27.1812, 0.2350, 0.2294



Tritanopia

26.6438, 0.5160, 0.3250

Trichromacy



Original Color

26.5339, 0.3573, 0.1742



Protanomaly

19.5615, 0.2284, 0.1418



Deuteranomaly

20.1158, 0.2677, 0.1727



Tritanomaly

24.3706, 0.4645, 0.2551

Monochromacy



Original Color

26.5339, 0.3573, 0.1742



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

13.1250, 0.3366, 0.2086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5339, 0.3573, 0.1742 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, 0, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 222)  
}
```

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, 0, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 222) }
```

Border

The CSS property to change the border of an element to Yxy 26.5339, 0.3573, 0.1742 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, 0, 222) }
```

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

```
.border{ border-color:rgb(255, 0, 222) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5339, 0.3573, 0.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 222) }
```

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

```
.background{ background-color: rgb(255, 0,  
222) }
```

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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