

Converting Colors

$Y_{xy}(26.1053, 0.3534, 0.1721)$

Have a look what the booklet for
Yxy(26.1053, 0.3534, 0.1721)
contains.

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Color

Yxy(26.0449, 0.3529, 0.1719)

Conversions

Conversions Part 1

Format	Color
Hex	FC01DF
RGB	252, 1, 223
RGB Percent	99%, 0%, 87%
CMY	0.0118, 0.9952, 0.1256
CMYK	0.00, 1.00, 0.12, 0.01
HSL	307°, 99%, 50%
HSV	307°, 100%, 99%
XYZ	53.4686, 26.0449, 71.9985
YIQ	101.3570, 78.3340, 122.2540

Conversions

Conversions Part 2

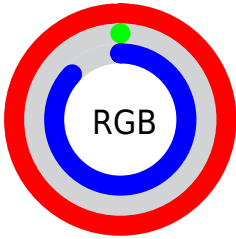
Format	Color
R _Y B	252, 1, 223
Decimal	16515551
CIE Lab	58.08, 93.44, -46.52
CIE LCh	58, 104.382, 333.535
Yxy	26.0449, 0.3529, 0.1719
Android (android.graphics.Color)	4294705631 (0xFFFC01DF)
YUV	101.3570, 59.9700, 132.1139
Hunter-Lab	51.0342, 97.7047, -47.9217

Details

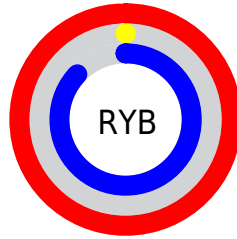
The Yxy color **26.0449, 0.3529, 0.1719** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **69.7173, 0.2981, 0.5927**, and the grayscale version is **12.9724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.7372, 0.3541, 0.1724** is the 20% darker color. If you saturate the color by 10%, you get **26.0119, 0.3531, 0.1719**, and if you desaturate by 10%, it is **26.9360, 0.3490, 0.1734**.

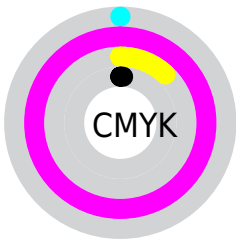
Distribution



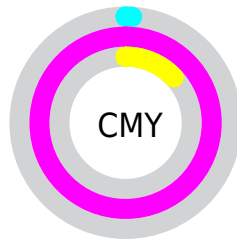
- Red (99%)
- Green (0%)
- Blue (87%)



- Red (99%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0449, 0.3529, 0.1719 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 26.0449, 0.3529, 0.1719 by changing the saturation by 10% instead.


 26.0449, 0.3529,
0.1719


 26.0449, 0.3529,
0.1719


283.0024, 0.3365,
0.2440


 16.8572, 0.3558,
0.1562


 53.3474, 0.3478,
0.1964


 10.1328, 0.3589,
0.1374

 72.2310, 0.3457,
0.2062


 5.4871, 0.3620,
0.1147


 95.1153, 0.3437,
0.2146

 2.5358, 0.3644,
0.0875

 122.3848, 0.3420,
0.2219

 0.8945, 0.3643,
0.0559

 154.4239, 0.3404,
0.2284

 0.0000, 0.3657,
0.0000

191.6169, 0.3390,

 0.0000, 0.3324,

0.2342

0.0000

234.3483, 0.3377,
0.2394

■ 0.0000, 0.0000,
0.0000

■ 26.0449, 0.3529,
0.1719

■ 26.0449, 0.3529,
0.1719

■ 26.0119, 0.3531,
0.1719

■ 26.9360, 0.3490,
0.1734

■ 28.7623, 0.3449,
0.1788

■ 31.7870, 0.3404,
0.1888

■ 36.1780, 0.3359,
0.2031

■ 42.0766, 0.3313,
0.2208

■ 49.6062, 0.3269,
0.2412

■ 58.8779, 0.3228,
0.2631

■ 69.9926, 0.3190,
0.2857

■ 83.0437, 0.3156,
0.3082

Harmonies

Analogous

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



26.0449, 0.2021, 0.1292



26.0449, 0.3529, 0.1719



26.0449, 0.5343, 0.2410

Triad

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



26.0449, 0.3529, 0.1719



26.0449, 0.4721, 0.5279



26.0449, 0.0779, 0.2130

Complementary

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



26.0449, 0.3529, 0.1719



69.7173, 0.2981, 0.5927

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.



26.0449, 0.1139, 0.3918



26.0449, 0.3529, 0.1719



26.0449, 0.3356, 0.6418

Square

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



26.0449, 0.3529, 0.1719



26.0449, 0.5840, 0.4086



26.0449, 0.2081, 0.6187



26.0449, 0.0818, 0.1380

Rectangle

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



26.0449, 0.3529, 0.1719



26.0449, 0.6102, 0.2924



26.0449, 0.2081, 0.6187



26.0449, 0.0844, 0.2586

Sweetspot

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



26.0462, 0.3529, 0.1719



59.9629, 0.3230, 0.2620



7.2779, 0.1529, 0.0618



11.9347, 0.3247, 0.2526



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.



26.0462, 0.3529, 0.1719



26.7229, 0.3531, 0.1719



21.6703, 0.5412, 0.2757



17.4879, 0.3156, 0.3083



13.5654, 0.3525, 0.1715



1.2659, 0.3482, 0.1692

Inverse Universe

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



26.0462, 0.3529, 0.1719



26.7229, 0.3531, 0.1719



71.8790, 0.2633, 0.4678



17.4879, 0.3156, 0.3083



13.5654, 0.3525, 0.1715



1.2659, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 26.0449, 0.3529, 0.1719 looks on a white background.

Color Contrast Check

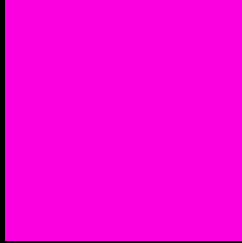
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0449, 0.3529, 0.1719 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 26.0449, 0.3529, 0.1719

Background



This preview shows how black text looks on a background with the Yxy color 26.0449, 0.3529, 0.1719.



This preview shows how white text looks on a background with the Yxy color 26.0449, 0.3529, 0.1719.

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

26.0449, 0.3529, 0.1719

Protanopia

26.8607, 0.1955, 0.1728

Deuteranopia

26.6746, 0.2315, 0.2260



Tritanopia

26.2950, 0.5115, 0.3249

Trichromacy



Original Color

26.0449, 0.3529, 0.1719



Protanomaly

19.2902, 0.2260, 0.1406



Deuteranomaly

19.8488, 0.2638, 0.1706



Tritanomaly

23.9549, 0.4596, 0.2533

Monochromacy



Original Color

26.0449, 0.3529, 0.1719



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.8928, 0.3352, 0.2087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0449, 0.3529, 0.1719 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(252, 1, 223)` looks like.

```
.text, #text, p{  
    color:rgb(252, 1, 223)  
}
```

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(252, 1, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 1, 223) }
```

Border

The CSS property to change the border of an element to Yxy 26.0449, 0.3529, 0.1719 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(252, 1, 223) }
```

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

```
.border{ border-color:rgb(252, 1, 223) }
```

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

Here you see how a box with a 4 pixel rgb(252, 1, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 1, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 1, 223);  
box-shadow:4px 4px 4px 4px rgb(252, 1,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0449, 0.3529, 0.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 1, 223) }
```

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

```
.background{ background-color: rgb(252, 1,  
223) }
```

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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