

Converting Colors

$Yxy(26.6652, 0.3416, 0.1656)$

Have a look what the booklet for
Yxy(26.6652, 0.3416, 0.1656)
contains.

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Color

Yxy(26.6003, 0.3412, 0.1654)

Conversions

Conversions Part 1

Format	Color
Hex	FC01E9
RGB	252, 1, 233
RGB Percent	99%, 0%, 91%
CMY	0.0117, 0.9970, 0.0862
CMYK	0.00, 1.00, 0.08, 0.01
HSL	305°, 99%, 50%
HSV	305°, 100%, 99%
XYZ	54.8732, 26.6003, 79.3506
YIQ	102.4970, 75.1240, 125.3640

Conversions

Conversions Part 2

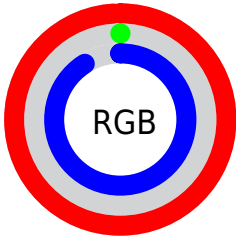
Format	Color
R _Y B	252, 1, 233
Decimal	16515561
CIE Lab	58.60, 94.77, -51.36
CIE LCh	59, 107.793, 331.548
Yxy	26.6003, 0.3412, 0.1654
Android (android.graphics.Color)	4294705641 (0xFFFC01E9)
YUV	102.4970, 64.3380, 131.1141
Hunter-Lab	51.5755, 99.6560, -55.1168

Details

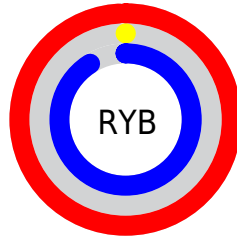
The Yxy color **26.6003, 0.3412, 0.1654** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **69.6921, 0.2990, 0.5961**, and the grayscale version is **13.2026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3806, 0.3192, 0.1907**, and **14.1215, 0.3389, 0.1641** is the 20% darker color. If you saturate the color by 10%, you get **26.5816, 0.3413, 0.1654**, and if you desaturate by 10%, it is **27.4319, 0.3388, 0.1674**.

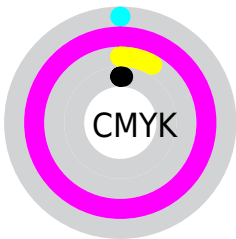
Distribution



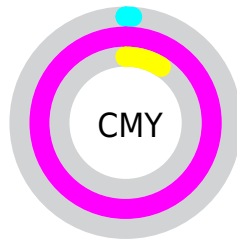
- Red (99%)
- Green (0%)
- Blue (91%)



- Red (99%)
- Yellow (0%)
- Blue (91%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6003, 0.3412, 0.1654 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 26.6003, 0.3412, 0.1654 by changing the saturation by 10% instead.


 26.6003, 0.3412,
0.1654


 26.6003, 0.3412,
0.1654


285.7166, 0.3314,
0.2394


 17.2733, 0.3424,
0.1496


 54.2418, 0.3386,
0.1903

 10.4295, 0.3432,
0.1308


 73.3251, 0.3374,
0.2003


 5.6847, 0.3433,
0.1085


 96.4292, 0.3362,
0.2089

 2.6543, 0.3415,
0.0821

 123.9386, 0.3351,
0.2165

 0.9540, 0.3359,
0.0520

 156.2376, 0.3340,
0.2232

 0.0000, 0.3284,
0.0000

193.7107, 0.3331,

 0.0000, 0.2875,

0.2292

0.0000

236.7422, 0.3322,
0.2345

■ 0.0000, 0.0578,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.6003, 0.3412,
0.1654

■ 26.6003, 0.3412,
0.1654

■ 26.5816, 0.3413,
0.1654

■ 27.4319, 0.3388,
0.1674

■ 29.1880, 0.3361,
0.1733

■ 32.1378, 0.3331,
0.1836

■ 36.4502, 0.3300,
0.1982

42.2666, 0.3268,
0.2164

49.7109, 0.3236,
0.2373

58.8943, 0.3205,
0.2600

69.9181, 0.3176,
0.2835

82.8756, 0.3150,
0.3069

Harmonies

Analogous

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



26.6003, 0.1923, 0.1246



26.6003, 0.3412, 0.1654



26.6003, 0.5287, 0.2337

Triad

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



26.6003, 0.3412, 0.1654



26.6003, 0.4805, 0.5195



26.6003, 0.0755, 0.2180

Complementary

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



26.6003, 0.3412, 0.1654



69.6921, 0.2990, 0.5961

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.



26.6003, 0.1143, 0.4092



26.6003, 0.3412, 0.1654



26.6003, 0.3423, 0.6422

Square

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



26.6003, 0.3412, 0.1654



26.6003, 0.5932, 0.4002



26.6003, 0.2124, 0.6372



26.6003, 0.0776, 0.1376

Rectangle

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



26.6003, 0.3412, 0.1654



26.6003, 0.6118, 0.2852



26.6003, 0.2124, 0.6372



26.6003, 0.0827, 0.2670

Sweetspot

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



26.6016, 0.3412, 0.1654



60.1531, 0.3206, 0.2592



7.1706, 0.1516, 0.0610



11.9809, 0.3219, 0.2495



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.



26.6016, 0.3412, 0.1654



27.2995, 0.3413, 0.1654



21.8351, 0.5278, 0.2683



17.5006, 0.3150, 0.3074



13.8532, 0.3409, 0.1652



1.2896, 0.3382, 0.1637

Inverse Universe

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



26.6016, 0.3412, 0.1654



27.2995, 0.3413, 0.1654



71.6300, 0.2667, 0.4801



17.5006, 0.3150, 0.3074



13.8532, 0.3409, 0.1652



1.2896, 0.3382, 0.1637

Previews

White Background



This preview shows how the Yxy color 26.6003, 0.3412, 0.1654 looks on a white background.

Color Contrast Check

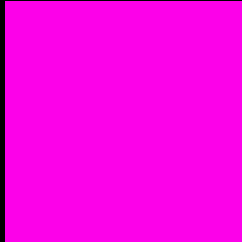
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6003, 0.3412, 0.1654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

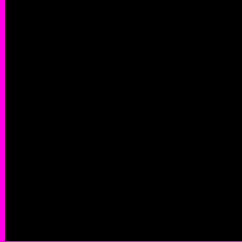
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6003, 0.3412, 0.1654

Background



This preview shows how black text looks on a background with the Yxy color 26.6003, 0.3412, 0.1654.



This preview shows how white text looks on a background with the Yxy color 26.6003, 0.3412, 0.1654.

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

26.6003, 0.3412, 0.1654

Protanopia

27.2818, 0.1970, 0.1745

Deuteranopia

27.3440, 0.2223, 0.2166



Tritanopia

26.8681, 0.5025, 0.3247

Trichromacy



Original Color

26.6003, 0.3412, 0.1654



Protanomaly

19.7146, 0.2254, 0.1390



Deuteranomaly

20.0321, 0.2510, 0.1617



Tritanomaly

24.4363, 0.4492, 0.2491

Monochromacy



Original Color

26.6003, 0.3412, 0.1654



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

13.1507, 0.3291, 0.2032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6003, 0.3412, 0.1654 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(252, 1, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 1, 233) }
```

Border

The CSS property to change the border of an element to Yxy 26.6003, 0.3412, 0.1654 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, 233) }
```

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

```
.border{ border-color:rgb(252, 1, 233) }
```

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, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 1, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 1, 233);  
box-shadow:4px 4px 4px 4px rgb(252, 1,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6003, 0.3412, 0.1654 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, 233) }
```

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

```
.background{ background-color: rgb(252, 1,  
233) }
```

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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