

Converting Colors

Yxy(26.4863, 0.3207, 0.1621)

Have a look what the booklet for
Yxy(26.4863, 0.3207, 0.1621)
contains.

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Color

Yxy(26.5443, 0.3206, 0.1620)

Conversions

Conversions Part 1

Format	Color
Hex	F02BF0
RGB	240, 43, 240
RGB Percent	94%, 17%, 94%
CMY	0.0587, 0.8315, 0.0589
CMYK	0.00, 0.82, 0.00, 0.06
HSL	300°, 87%, 55%
HSV	300°, 82%, 94%
XYZ	52.5315, 26.5443, 84.7779
YIQ	124.3610, 54.1750, 103.0310

Conversions

Conversions Part 2

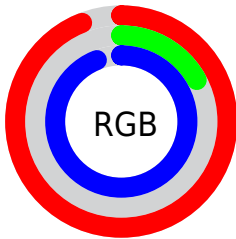
Format	Color
R _Y B	240, 43, 240
Decimal	15739888
CIE Lab	58.55, 88.99, -55.46
CIE LCh	59, 104.857, 328.069
Yxy	26.5443, 0.3206, 0.1620
Android (android.graphics.Color)	4293929968 (0xFFFF02BF0)
YUV	124.3610, 57.0100, 101.4154
Hunter-Lab	51.5212, 91.8384, -61.4967

Details

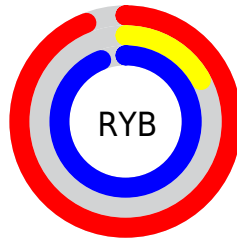
The Yxy color **26.5443, 0.3206, 0.1620** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **63.0238, 0.3009, 0.5816**, and the grayscale version is **20.0703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7415, 0.3188, 0.1986**, and **13.0026, 0.3155, 0.1512** is the 20% darker color. If you saturate the color by 10%, you get **25.2844, 0.3209, 0.1563**, and if you desaturate by 10%, it is **28.8312, 0.3201, 0.1720**.

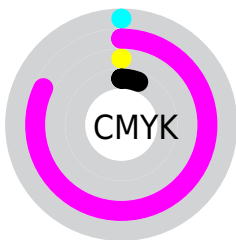
Distribution



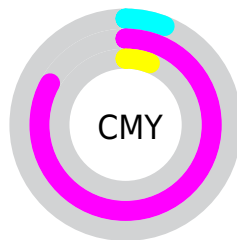
- Red (94%)
- Green (17%)
- Blue (94%)



- Red (94%)
- Yellow (17%)
- Blue (94%)



- Cyan (0%)
- Magenta (82%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (83%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5443, 0.3206, 0.1620 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 26.5443, 0.3206, 0.1620 by changing the saturation by 10% instead.


 26.5443, 0.3206,
0.1620


 26.5443, 0.3206,
0.1620


285.4439, 0.3214,
0.2372


 17.2313, 0.3191,
0.1460


 54.1517, 0.3219,
0.1873


 10.3995, 0.3166,
0.1272


 73.2150, 0.3221,
0.1974


 5.6646, 0.3123,
0.1048


 96.2970, 0.3222,
0.2062

 2.6423, 0.3048,
0.0786

 123.7823, 0.3221,
0.2139

 0.9480, 0.2913,
0.0491

 156.0553, 0.3220,
0.2208

 0.0000, 0.2718,
0.0000

193.5002, 0.3218,

 0.0000, 0.2200,

0.2269

0.0000

236.5016, 0.3216,
0.2323

■ 0.0000, 0.0000,
0.0000

■ 26.5443, 0.3206,
0.1620

■ 26.5443, 0.3206,
0.1620

■ 25.2844, 0.3209,
0.1563

■ 28.8312, 0.3201,
0.1720


■ 24.8196, 0.3210,
0.1542


■ 32.2982, 0.3195,
0.1862

■ 37.0769, 0.3186,
0.2044

■ 43.2802, 0.3176,
0.2257

■ 51.0091, 0.3165,
0.2492

 60.3555, 0.3153,
0.2740

 71.4038, 0.3141,
0.2992

 84.2328, 0.3130,
0.3239

 96.3433, 0.3120,
0.3438

Harmonies

Analogous

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



26.5443, 0.1824, 0.1250



26.5443, 0.3206, 0.1620



26.5443, 0.5040, 0.2274

Triad

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



26.5443, 0.3206, 0.1620



26.5443, 0.4955, 0.5045



26.5443, 0.0811, 0.2365

Complementary

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



26.5443, 0.3206, 0.1620



63.0238, 0.3009, 0.5816

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.



26.5443, 0.1269, 0.4362



26.5443, 0.3206, 0.1620



26.5443, 0.3606, 0.6255

Square

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



26.5443, 0.3206, 0.1620



26.5443, 0.5977, 0.3900



26.5443, 0.2304, 0.6413



26.5443, 0.0790, 0.1467

Rectangle

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



26.5443, 0.3206, 0.1620



26.5443, 0.5952, 0.2784



26.5443, 0.2304, 0.6413



26.5443, 0.0903, 0.2895

Sweetspot

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



26.5455, 0.3206, 0.1620



65.8498, 0.3157, 0.2666



8.5311, 0.1609, 0.0781



13.2821, 0.3161, 0.2578



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.



26.5455, 0.3206, 0.1620



28.5315, 0.3210, 0.1544



22.1933, 0.4561, 0.2430



16.0314, 0.3138, 0.3057



13.5831, 0.3210, 0.1542



1.1300, 0.3210, 0.1542

Inverse Universe

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



26.5455, 0.3206, 0.1620



28.5315, 0.3210, 0.1544



64.7872, 0.2687, 0.4703



16.0314, 0.3138, 0.3057



13.5831, 0.3210, 0.1542



1.1300, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 26.5443, 0.3206, 0.1620 looks on a white background.

Color Contrast Check

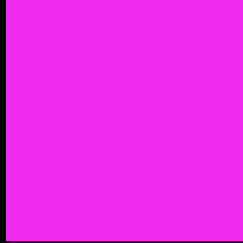
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5443, 0.3206, 0.1620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

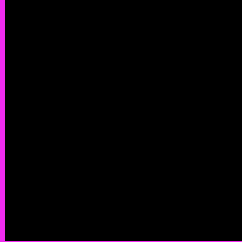
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5443, 0.3206, 0.1620

Background



This preview shows how black text looks on a background with the Yxy color 26.5443, 0.3206, 0.1620.



This preview shows how white text looks on a background with the Yxy color 26.5443, 0.3206, 0.1620.

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

26.5443, 0.3206, 0.1620

Protanopia

26.8607, 0.1955, 0.1728

Deuteranopia

26.7649, 0.2121, 0.2059



Tritanopia

26.1834, 0.4701, 0.3217

Trichromacy



Original Color

26.5443, 0.3206, 0.1620



Protanomaly

22.0916, 0.2216, 0.1494



Deuteranomaly

21.8924, 0.2374, 0.1668



Tritanomaly

24.7815, 0.4145, 0.2485

Monochromacy



Original Color

26.5443, 0.3206, 0.1620



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

19.0446, 0.3175, 0.2265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5443, 0.3206, 0.1620 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(240, 43, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 43, 240)  
}
```

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(240, 43, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 43, 240) }
```

Border

The CSS property to change the border of an element to Yxy 26.5443, 0.3206, 0.1620 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(240, 43, 240) }
```

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

```
.border{ border-color:rgb(240, 43, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 43, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 43, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 43, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 43,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5443, 0.3206, 0.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 43, 240) }
```

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

```
.background{ background-color: rgb(240, 43,  
240) }
```

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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