

Converting Colors

$Y_{xy}(26.6293, 0.3619, 0.1997)$

Have a look what the booklet for
Yxy(26.6293, 0.3619, 0.1997)
contains.

Yxy(26.6293, 0.3619, 0.1997)	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(26.6293, 0.3619, 0.1997)

Conversions

Conversions Part 1

Format	Color
Hex	EF43CA
RGB	239, 67, 202
RGB Percent	94%, 26%, 79%
CMY	0.0628, 0.7371, 0.2079
CMYK	0.00, 0.72, 0.15, 0.06
HSL	313°, 84%, 60%
HSV	313°, 72%, 94%
XYZ	48.2581, 26.6293, 58.4591
YIQ	133.8180, 59.1770, 78.4490

Conversions

Conversions Part 2

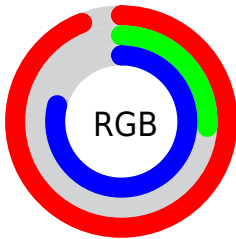
Format	Color
R _Y B	239, 67, 202
Decimal	15680458
CIE _{Lab}	58.63, 77.21, -33.88
CIE _{LCh}	59, 84.312, 336.306
Y _{xy}	26.6293, 0.3619, 0.1997
Android (android.graphics.Color)	4293870538 (0xFFEF43CA)
Y _{UV}	133.8180, 33.6137, 92.2446
Hunter-Lab	51.6036, 76.6215, -31.0442

Details

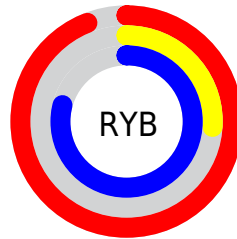
The Yxy color **26.6293, 0.3619, 0.1997** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **63.9192, 0.2897, 0.5190**, and the grayscale version is **23.6347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1805, 0.3183, 0.2095**, and **11.6903, 0.3719, 0.1822** is the 20% darker color. If you saturate the color by 10%, you get **24.1099, 0.3705, 0.1920**, and if you desaturate by 10%, it is **30.3311, 0.3533, 0.2118**.

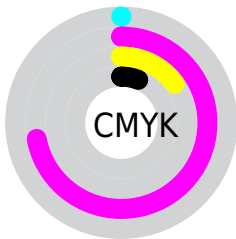
Distribution



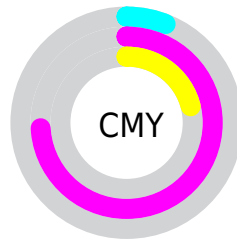
- Red (94%)
- Green (26%)
- Blue (79%)



- Red (94%)
- Yellow (26%)
- Blue (79%)



- Cyan (0%)
- Magenta (72%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (74%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6293, 0.3619, 0.1997 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 26.6293, 0.3619, 0.1997 by changing the saturation by 10% instead.

 26.6293, 0.3619,
0.1997


 26.6293, 0.3619,
0.1997


285.8578, 0.3389,
0.2616


 17.2950, 0.3670,
0.1854

 54.2884, 0.3540,
0.2214


 10.4451, 0.3732,
0.1677


 73.3821, 0.3509,
0.2298

 5.6950, 0.3808,
0.1456


 96.4976, 0.3482,
0.2370

 2.6605, 0.3900,
0.1175

 124.0195, 0.3459,
0.2432

 0.9572, 0.4006,
0.0818

 156.3320, 0.3438,
0.2487

 0.0000, 0.4275,
0.0000

193.8196, 0.3420,

 0.0000, 0.4080,

0.2535

0.0000

236.8668, 0.3404,
0.2578

■ 0.0000, 0.0000,
0.0000

■ 26.6293, 0.3619,
0.1997

■ 26.6293, 0.3619,
0.1997

■ 24.1099, 0.3705,
0.1920

■ 30.3311, 0.3533,
0.2118

■ 22.6142, 0.3789,
0.1891

■ 35.3398, 0.3450,
0.2274


■ 21.9594, 0.3854,
0.1897


■ 41.7686, 0.3372,
0.2456

■ 49.7172, 0.3302,
0.2653

■ 59.2763, 0.3239,
0.2856

 70.5297, 0.3183,
0.3058

 83.5550, 0.3136,
0.3253

 96.3467, 0.3096,
0.3407

 96.6621, 0.3067,
0.3356

Harmonies

Analogous

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



26.6293, 0.2307, 0.1575



26.6293, 0.3619, 0.1997



26.6293, 0.5044, 0.2650

Triad

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



26.6293, 0.3619, 0.1997



26.6293, 0.4542, 0.5217



26.6293, 0.1065, 0.2284

Complementary

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



26.6293, 0.3619, 0.1997



63.9192, 0.2897, 0.5190

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.



26.6293, 0.1410, 0.3669



26.6293, 0.3619, 0.1997



26.6293, 0.3396, 0.5926

Square

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



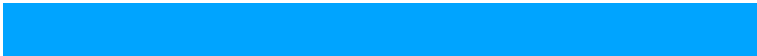
26.6293, 0.3619, 0.1997



26.6293, 0.5454, 0.4250



26.6293, 0.2252, 0.5398



26.6293, 0.1108, 0.1628

Rectangle

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



26.6293, 0.3619, 0.1997



26.6293, 0.5631, 0.3145



26.6293, 0.2252, 0.5398



26.6293, 0.1130, 0.2656

Sweetspot

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



26.6306, 0.3619, 0.1997



68.5274, 0.3239, 0.2853



13.0422, 0.1933, 0.1096



13.9833, 0.3256, 0.2798



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.



26.6306, 0.3619, 0.1997



27.0479, 0.3742, 0.1902



23.6904, 0.4850, 0.2809



15.9697, 0.3171, 0.3107



12.1572, 0.3841, 0.1890



1.0257, 0.3741, 0.1835

Inverse Universe

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



26.6306, 0.3619, 0.1997



27.0479, 0.3742, 0.1902



66.5238, 0.2533, 0.3994



15.9697, 0.3171, 0.3107



12.1572, 0.3841, 0.1890



1.0257, 0.3741, 0.1835

Previews

White Background



This preview shows how the Yxy color 26.6293, 0.3619, 0.1997 looks on a white background.

Color Contrast Check

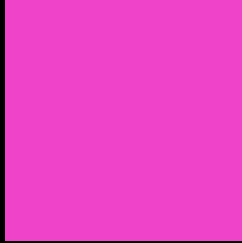
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6293, 0.3619, 0.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

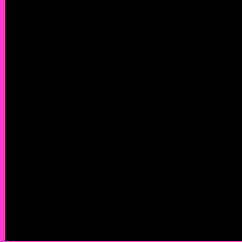
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6293, 0.3619, 0.1997

Background



This preview shows how black text looks on a background with the Yxy color 26.6293, 0.3619, 0.1997.



This preview shows how white text looks on a background with the Yxy color 26.6293, 0.3619, 0.1997.

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

26.6293, 0.3619, 0.1997

Protanopia

27.2818, 0.1970, 0.1745

Deuteranopia

26.7830, 0.2549, 0.2483



Tritanopia

26.5578, 0.4805, 0.3231

Trichromacy



Original Color

26.6293, 0.3619, 0.1997



Protanomaly

23.2199, 0.2315, 0.1693



Deuteranomaly

24.1206, 0.2876, 0.2167



Tritanomaly

26.0335, 0.4375, 0.2728

Monochromacy



Original Color

26.6293, 0.3619, 0.1997



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.4257, 0.3320, 0.2581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6293, 0.3619, 0.1997 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(239, 67, 202)` looks like.

```
.text, #text, p{  
    color:rgb(239, 67, 202)  
}
```

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(239, 67, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 67, 202) }
```

Border

The CSS property to change the border of an element to Yxy 26.6293, 0.3619, 0.1997 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(239, 67, 202) }
```

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

```
.border{ border-color:rgb(239, 67, 202) }
```

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

Here you see how a box with a 4 pixel rgb(239, 67, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 67, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 67, 202);  
box-shadow:4px 4px 4px 4px rgb(239, 67,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6293, 0.3619, 0.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 67, 202) }
```

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

```
.background{ background-color: rgb(239, 67,  
202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor