

Converting Colors

$Y_{xy}(28.4321, 0.3570, 0.1995)$

Have a look what the booklet for
Yxy(28.4321, 0.3570, 0.1995)
contains.

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Color

Yxy(28.4232, 0.3571, 0.1996)

Conversions

Conversions Part 1

Format	Color
Hex	F349D1
RGB	243, 73, 209
RGB Percent	95%, 29%, 82%
CMY	0.0471, 0.7137, 0.1804
CMYK	0.00, 0.70, 0.14, 0.05
HSL	312°, 88%, 62%
HSV	312°, 70%, 95%
XYZ	50.8513, 28.4232, 63.1263
YIQ	139.3340, 57.6640, 78.3360

Conversions

Conversions Part 2

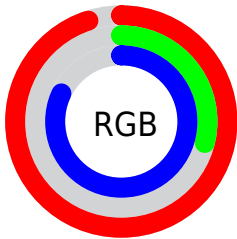
Format	Color
R _Y B	243, 73, 209
Decimal	15944145
CIE Lab	60.27, 77.16, -35.27
CIE LCh	60, 84.838, 335.435
Yxy	28.4232, 0.3571, 0.1996
Android (android.graphics.Color)	4294134225 (0xFFFF349D1)
YUV	139.3340, 34.3453, 90.9151
Hunter-Lab	53.3134, 76.9582, -32.8835

Details

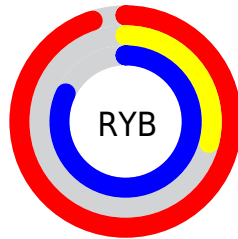
The Yxy color **28.4232, 0.3571, 0.1996** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **66.5767, 0.2907, 0.5168**, and the grayscale version is **25.8059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5302, 0.3181, 0.2136**, and **12.4004, 0.3655, 0.1787** is the 20% darker color. If you saturate the color by 10%, you get **25.5932, 0.3650, 0.1908**, and if you desaturate by 10%, it is **32.5098, 0.3492, 0.2127**.

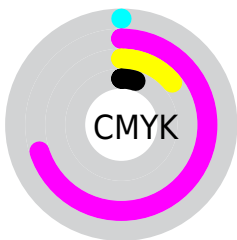
Distribution



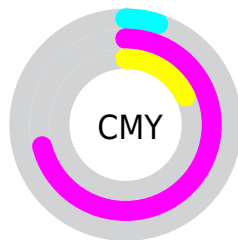
- Red (95%)
- Green (29%)
- Blue (82%)



- Red (95%)
- Yellow (29%)
- Blue (82%)



- Cyan (0%)
- Magenta (70%)
- Yellow (14%)
- Black (5%)




- Cyan (5%)
- Magenta (71%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4232, 0.3571, 0.1996 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 28.4232, 0.3571, 0.1996 by changing the saturation by 10% instead.


 28.4232, 0.3571,
0.1996


 28.4232, 0.3571,
0.1996


294.4836, 0.3369,
0.2608

 18.6449, 0.3615,
0.1856


 57.1594, 0.3503,
0.2209

 11.4140, 0.3666,
0.1684


 76.8861, 0.3475,
0.2292

 6.3460, 0.3728,
0.1470


 100.6977, 0.3452,
0.2363

 3.0566, 0.3800,
0.1200

 128.9787, 0.3431,
0.2425

 1.1614, 0.3880,
0.0859

162.1134, 0.3413,
0.2480

 0.0298, 0.4108,
0.0050

200.4861, 0.3397,

 0.0000, 0.3924,

0.2528

0.0000

244.4814, 0.3382,
0.2570

■ 0.0000, 0.0000,
0.0000

■ 28.4232, 0.3571,
0.1996

■ 28.4232, 0.3571,
0.1996

■ 25.5932, 0.3650,
0.1908

■ 32.5098, 0.3492,
0.2127

■ 23.8608, 0.3728,
0.1867

■ 37.9787, 0.3416,
0.2291


■ 22.9701, 0.3801,
0.1868


■ 44.9449, 0.3344,
0.2479

■ 22.9664, 0.3802,
0.1868


■ 53.5102, 0.3279,
0.2682

■ 63.7676, 0.3221,
0.2889

 75.8029, 0.3171,
0.3093

 89.6958, 0.3127,
0.3291

 97.3434, 0.3094,
0.3359

 97.6488, 0.3066,
0.3312

Harmonies

Analogous

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



28.4232, 0.2288, 0.1585



28.4232, 0.3571, 0.1996



28.4232, 0.4982, 0.2640

Triad

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



28.4232, 0.3571, 0.1996



28.4232, 0.4567, 0.5175



28.4232, 0.1091, 0.2329

Complementary

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



28.4232, 0.3571, 0.1996



66.5767, 0.2907, 0.5168

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.



28.4232, 0.1449, 0.3716



28.4232, 0.3571, 0.1996



28.4232, 0.3437, 0.5880

Square

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



28.4232, 0.3571, 0.1996



28.4232, 0.5451, 0.4224



28.4232, 0.2299, 0.5398



28.4232, 0.1122, 0.1659

Rectangle

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



28.4232, 0.3571, 0.1996



28.4232, 0.5580, 0.3132



28.4232, 0.2299, 0.5398



28.4232, 0.1160, 0.2705

Sweetspot

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



28.4246, 0.3571, 0.1996



69.7927, 0.3228, 0.2866



14.3650, 0.1966, 0.1147



14.2315, 0.3243, 0.2808



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.



28.4246, 0.3571, 0.1996



27.5936, 0.3684, 0.1885



25.2768, 0.4779, 0.2810



16.7082, 0.3169, 0.3103



12.6252, 0.3791, 0.1862



1.1237, 0.3704, 0.1814

Inverse Universe

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



28.4246, 0.3571, 0.1996



27.5936, 0.3684, 0.1885



69.3206, 0.2539, 0.3971



16.7082, 0.3169, 0.3103



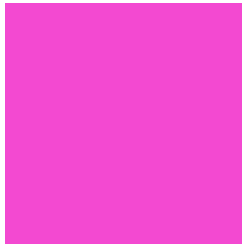
12.6252, 0.3791, 0.1862



1.1237, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 28.4232, 0.3571, 0.1996 looks on a white background.

Color Contrast Check

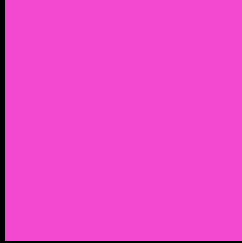
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4232, 0.3571, 0.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

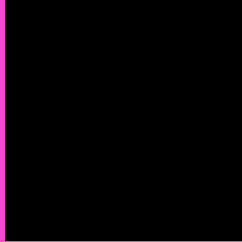
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4232, 0.3571, 0.1996

Background



This preview shows how black text looks on a background with the Yxy color 28.4232, 0.3571, 0.1996.



This preview shows how white text looks on a background with the Yxy color 28.4232, 0.3571, 0.1996.

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

28.4232, 0.3571, 0.1996

Protanopia

28.9457, 0.2024, 0.1812

Deuteranopia

28.7372, 0.2527, 0.2475



Tritanopia

28.1499, 0.4720, 0.3220

Trichromacy



Original Color

28.4232, 0.3571, 0.1996



Protanomaly

25.1915, 0.2375, 0.1760



Deuteranomaly

25.8147, 0.2835, 0.2163



Tritanomaly

27.7341, 0.4312, 0.2722

Monochromacy



Original Color

28.4232, 0.3571, 0.1996



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.2889, 0.3314, 0.2600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4232, 0.3571, 0.1996 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(243, 73, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 73, 209)  
}
```

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(243, 73, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 73, 209) }
```

Border

The CSS property to change the border of an element to Yxy 28.4232, 0.3571, 0.1996 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(243, 73, 209) }
```

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

```
.border{ border-color:rgb(243, 73, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 73, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 73, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 73, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 73,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4232, 0.3571, 0.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 73, 209) }
```

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

```
.background{ background-color: rgb(243, 73,  
209) }
```

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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