

Converting Colors

$Y_{xy}(29.0947, 0.3535, 0.1939)$

Have a look what the booklet for
Yxy(29.0947, 0.3535, 0.1939)
contains.

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Color

Yxy(28.9883, 0.3534, 0.1937)

Conversions

Conversions Part 1

Format	Color
Hex	F745D8
RGB	247, 69, 216
RGB Percent	97%, 27%, 85%
CMY	0.0313, 0.7295, 0.1529
CMYK	0.00, 0.72, 0.13, 0.03
HSL	310°, 92%, 62%
HSV	310°, 72%, 97%
XYZ	52.8883, 28.9883, 67.7790
YIQ	138.9800, 58.9010, 83.4530

Conversions

Conversions Part 2

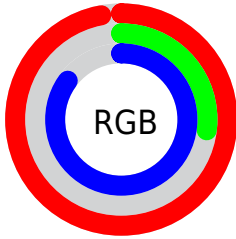
Format	Color
R _Y B	247, 69, 216
Decimal	16205272
CIE Lab	60.77, 80.34, -38.40
CIE LCh	61, 89.050, 334.452
Yxy	28.9883, 0.3534, 0.1937
Android (android.graphics.Color)	4294395352 (0xFFFF745D8)
YUV	138.9800, 37.9709, 94.7335
Hunter-Lab	53.8408, 81.1209, -36.9504

Details

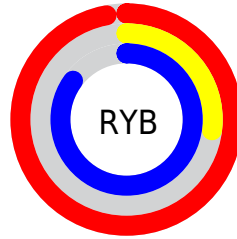
The Yxy color **28.9883, 0.3534, 0.1937** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **68.7221, 0.2923, 0.5284**, and the grayscale version is **25.6406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9825, 0.3182, 0.2119**, and **13.1380, 0.3595, 0.1754** is the 20% darker color. If you saturate the color by 10%, you get **26.3389, 0.3602, 0.1856**, and if you desaturate by 10%, it is **32.9099, 0.3465, 0.2062**.

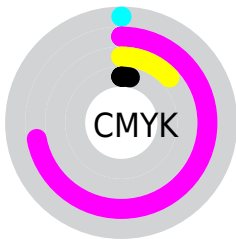
Distribution



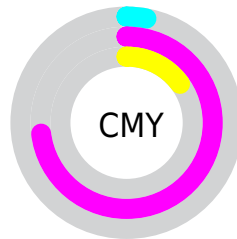
- Red (97%)
- Green (27%)
- Blue (85%)



- Red (97%)
- Yellow (27%)
- Blue (85%)



- Cyan (0%)
- Magenta (72%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (73%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9883, 0.3534, 0.1937 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 28.9883, 0.3534, 0.1937 by changing the saturation by 10% instead.

 28.9883, 0.3534,
0.1937


 28.9883, 0.3534,
0.1937


297.1598, 0.3356,
0.2569


 19.0720, 0.3570,
0.1795


 58.0585, 0.3475,
0.2155


 11.7223, 0.3612,
0.1622


 77.9812, 0.3451,
0.2241


 6.5549, 0.3660,
0.1408


 102.0080, 0.3431,
0.2315

 3.1853, 0.3713,
0.1141

 130.5236, 0.3412,
0.2379

 1.2292, 0.3761,
0.0811

 163.9121, 0.3396,
0.2435

 0.0854, 0.3895,
0.0123

202.5580, 0.3381,

 0.0000, 0.3689,

0.2485

0.0000

246.8458, 0.3368,
0.2529

■ 0.0000, 0.0000,
0.0000

■ 28.9883, 0.3534,
0.1937

■ 28.9883, 0.3534,
0.1937

■ 26.3389, 0.3602,
0.1856

■ 32.9099, 0.3465,
0.2062

■ 24.7888, 0.3667,
0.1821

■ 38.2394, 0.3398,
0.2224


■ 24.1385, 0.3716,
0.1821


■ 45.0995, 0.3335,
0.2413


■ 53.5987, 0.3276,
0.2618

■ 63.8354, 0.3223,
0.2830

 75.9004, 0.3176,
0.3042

 89.8780, 0.3135,
0.3248

 98.2286, 0.3104,
0.3334

 98.5023, 0.3080,
0.3292

Harmonies

Analogous

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



28.9883, 0.2221, 0.1528



28.9883, 0.3534, 0.1937



28.9883, 0.5016, 0.2587

Triad

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



28.9883, 0.3534, 0.1937



28.9883, 0.4620, 0.5179



28.9883, 0.1038, 0.2319

Complementary

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



28.9883, 0.3534, 0.1937



68.7221, 0.2923, 0.5284

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.



28.9883, 0.1410, 0.3787



28.9883, 0.3534, 0.1937



28.9883, 0.3457, 0.5969

Square

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



28.9883, 0.3534, 0.1937



28.9883, 0.5534, 0.4189



28.9883, 0.2290, 0.5549



28.9883, 0.1063, 0.1619

Rectangle

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



28.9883, 0.3534, 0.1937



28.9883, 0.5655, 0.3084



28.9883, 0.2290, 0.5549



28.9883, 0.1110, 0.2714

Sweetspot

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



28.9897, 0.3534, 0.1937



68.6673, 0.3223, 0.2831



13.6020, 0.1892, 0.1071



14.0166, 0.3236, 0.2773



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.



28.9897, 0.3534, 0.1937



27.5029, 0.3628, 0.1836



25.5984, 0.4768, 0.2748



16.7158, 0.3165, 0.3097



12.7817, 0.3706, 0.1815



1.1361, 0.3633, 0.1775

Inverse Universe

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



28.9897, 0.3534, 0.1937



27.5029, 0.3628, 0.1836



71.4190, 0.2558, 0.4081



16.7158, 0.3165, 0.3097



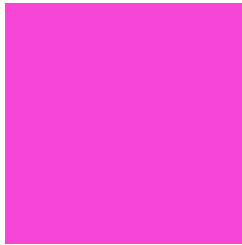
12.7817, 0.3706, 0.1815



1.1361, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 28.9883, 0.3534, 0.1937 looks on a white background.

Color Contrast Check

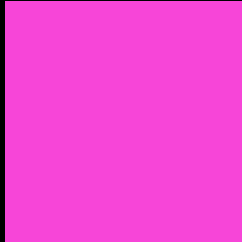
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9883, 0.3534, 0.1937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

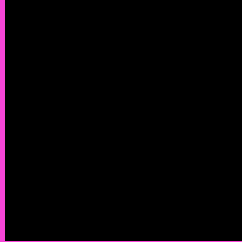
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9883, 0.3534, 0.1937

Background



This preview shows how black text looks on a background with the Yxy color 28.9883, 0.3534, 0.1937.



This preview shows how white text looks on a background with the Yxy color 28.9883, 0.3534, 0.1937.

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

28.9883, 0.3534, 0.1937

Protanopia

29.3517, 0.2036, 0.1828

Deuteranopia

29.1706, 0.2473, 0.2413



Tritanopia

28.8308, 0.4759, 0.3222

Trichromacy



Original Color

28.9883, 0.3534, 0.1937



Protanomaly

25.4210, 0.2380, 0.1734



Deuteranomaly

25.9840, 0.2792, 0.2093



Tritanomaly

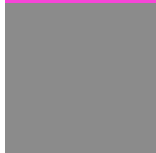
28.3529, 0.4315, 0.2692

Monochromacy



Original Color

28.9883, 0.3534, 0.1937



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.2896, 0.3292, 0.2550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9883, 0.3534, 0.1937 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(247, 69, 216)` looks like.

```
.text, #text, p{  
    color:rgb(247, 69, 216)  
}
```

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(247, 69, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 69, 216) }
```

Border

The CSS property to change the border of an element to Yxy 28.9883, 0.3534, 0.1937 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(247, 69, 216) }
```

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

```
.border{ border-color:rgb(247, 69, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 69, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 69, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 69, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 69,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9883, 0.3534, 0.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 69, 216) }
```

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

```
.background{ background-color: rgb(247, 69,  
216) }
```

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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