

Converting Colors

$Y_{xy}(29.2511, 0.3556, 0.2032)$

Have a look what the booklet for
Yxy(29.2511, 0.3556, 0.2032)
contains.

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Color

Yxy(29.2501, 0.3566, 0.2034)

Conversions

Conversions Part 1

Format	Color
Hex	F34FD1
RGB	243, 79, 209
RGB Percent	95%, 31%, 82%
CMY	0.0469, 0.6904, 0.1803
CMYK	0.00, 0.68, 0.14, 0.05
HSL	312°, 87%, 63%
HSV	312°, 68%, 95%
XYZ	51.2811, 29.2501, 63.2746
YIQ	142.8560, 56.0140, 75.1980

Conversions

Conversions Part 2

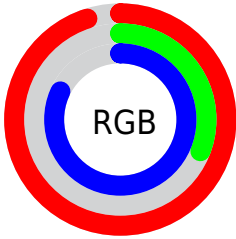
Format	Color
RYB	243, 79, 209
Decimal	15945681
CIELab	61.00, 75.14, -34.14
CIElCh	61, 82.533, 335.568
Yxy	29.2501, 0.3566, 0.2034
Android (android.graphics.Color)	4294135761 (0xFFFF34FD1)
YUV	142.8560, 32.6090, 87.8263
Hunter-Lab	54.0834, 74.6055, -31.5077

Details

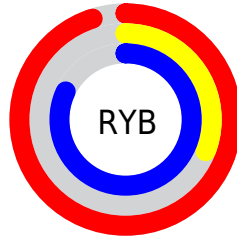
The Yxy color **29.2501, 0.3566, 0.2034** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **66.9833, 0.2904, 0.5083**, and the grayscale version is **27.2510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9452, 0.3179, 0.2178**, and **12.4004, 0.3655, 0.1787** is the 20% darker color. If you saturate the color by 10%, you get **26.1202, 0.3649, 0.1936**, and if you desaturate by 10%, it is **33.6713, 0.3484, 0.2173**.

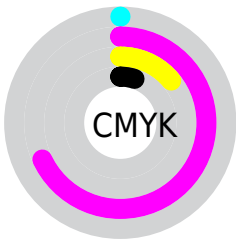
Distribution



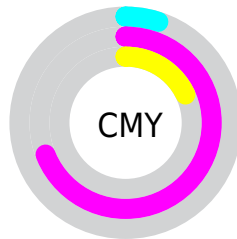
- Red (95%)
- Green (31%)
- Blue (82%)



- Red (95%)
- Yellow (31%)
- Blue (82%)



- Cyan (0%)
- Magenta (68%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2501, 0.3566, 0.2034 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 29.2501, 0.3566, 0.2034 by changing the saturation by 10% instead.

 29.2501, 0.3566,
0.2034


 29.2501, 0.3566,
0.2034


298.3932, 0.3366,
0.2629


 19.2701, 0.3610,
0.1898


 58.4742, 0.3498,
0.2241

 11.8656, 0.3662,
0.1730


 78.4871, 0.3471,
0.2322

 6.6522, 0.3725,
0.1521


 102.6131, 0.3447,
0.2391

 3.2456, 0.3799,
0.1255

 131.2366, 0.3427,
0.2451

 1.2612, 0.3884,
0.0917

164.7419, 0.3409,
0.2504

 0.1109, 0.4093,
0.0183

203.5135, 0.3393,

 0.0000, 0.3981,

0.2550

0.0000

247.9358, 0.3378,
0.2592

0.0000, 0.0000,
0.0000

29.2501, 0.3566,
0.2034

29.2501, 0.3566,
0.2034

26.1202, 0.3649,
0.1936

33.6713, 0.3484,
0.2173

24.1297, 0.3730,
0.1885

39.5050, 0.3406,
0.2343


23.0849, 0.3808,
0.1880

46.8631, 0.3334,
0.2534

22.8982, 0.3827,
0.1882


55.8451, 0.3269,
0.2737

66.5421, 0.3211,
0.2942

 79.0385, 0.3160,
0.3144

 93.4128, 0.3117,
0.3337

 97.4447, 0.3086,
0.3345

 97.7641, 0.3057,
0.3296

Harmonies

Analogous

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



29.2501, 0.2321, 0.1628



29.2501, 0.3566, 0.2034



29.2501, 0.4922, 0.2668

Triad

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



29.2501, 0.3566, 0.2034



29.2501, 0.4545, 0.5145



29.2501, 0.1140, 0.2363

Complementary

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



29.2501, 0.3566, 0.2034



66.9833, 0.2904, 0.5083

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.



29.2501, 0.1498, 0.3700



29.2501, 0.3566, 0.2034



29.2501, 0.3446, 0.5793

Square

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



29.2501, 0.3566, 0.2034



29.2501, 0.5393, 0.4230



29.2501, 0.2333, 0.5301



29.2501, 0.1170, 0.1704

Rectangle

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



29.2501, 0.3566, 0.2034



29.2501, 0.5501, 0.3154



29.2501, 0.2333, 0.5301



29.2501, 0.1210, 0.2729

Sweetspot

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



29.2515, 0.3566, 0.2034



71.0031, 0.3225, 0.2890



15.4869, 0.2009, 0.1214



14.4657, 0.3241, 0.2832



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.



29.2515, 0.3566, 0.2034



28.1726, 0.3679, 0.1912



26.2104, 0.4690, 0.2814



16.7060, 0.3170, 0.3104



12.5816, 0.3815, 0.1875



1.1203, 0.3724, 0.1825

Inverse Universe

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



29.2515, 0.3566, 0.2034



28.1726, 0.3679, 0.1912



69.6784, 0.2547, 0.3944



16.7060, 0.3170, 0.3104



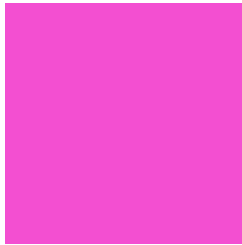
12.5816, 0.3815, 0.1875



1.1203, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 29.2501, 0.3566, 0.2034 looks on a white background.

Color Contrast Check

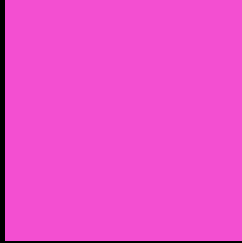
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2501, 0.3566, 0.2034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

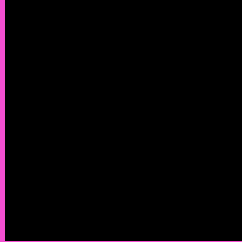
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2501, 0.3566, 0.2034

Background



This preview shows how black text looks on a background with the Yxy color 29.2501, 0.3566, 0.2034.

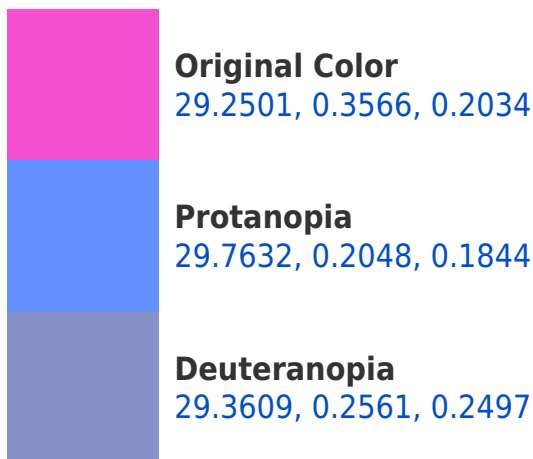


This preview shows how white text looks on a background with the Yxy color 29.2501, 0.3566, 0.2034.

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





Tritanopia

29.2227, 0.4651, 0.3219

Trichromacy



Original Color

29.2501, 0.3566, 0.2034



Protanomaly

26.1853, 0.2404, 0.1803



Deuteranomaly

26.8708, 0.2867, 0.2210



Tritanomaly

28.7238, 0.4251, 0.2736

Monochromacy



Original Color

29.2501, 0.3566, 0.2034



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

25.8067, 0.3297, 0.2635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2501, 0.3566, 0.2034 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, 79, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 79, 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, 79, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 79, 209) }
```

Border

The CSS property to change the border of an element to Yxy 29.2501, 0.3566, 0.2034 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, 79, 209) }
```

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

```
.border{ border-color:rgb(243, 79, 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, 79, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 79, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 79, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 79,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2501, 0.3566, 0.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 79, 209) }
```

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

```
.background{ background-color: rgb(243, 79,  
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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