

Converting Colors

$Y_{xy}(28.9285, 0.3591, 0.2022)$

Have a look what the booklet for
Yxy(28.9285, 0.3591, 0.2022)
contains.

Yxy(28.8193, 0.3592, 0.2021)	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(28.8193, 0.3592, 0.2021)

Conversions

Conversions Part 1

Format	Color
Hex	F44BD0
RGB	244, 75, 208
RGB Percent	96%, 29%, 82%
CMY	0.0430, 0.7061, 0.1842
CMYK	0.00, 0.69, 0.15, 0.04
HSL	313°, 89%, 63%
HSV	313°, 69%, 96%
XYZ	51.2216, 28.8193, 62.5583
YIQ	140.6930, 58.0310, 77.1910

Conversions

Conversions Part 2

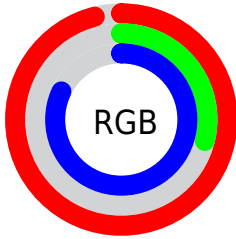
Format	Color
R _Y B	244, 75, 208
Decimal	16010192
CIE Lab	60.62, 76.62, -34.16
CIE LCh	61, 83.891, 335.971
Yxy	28.8193, 0.3592, 0.2021
Android (android.graphics.Color)	4294200272 (0xFFFF44BD0)
YUV	140.6930, 33.1824, 90.6002
Hunter-Lab	53.6836, 76.3675, -31.5130

Details

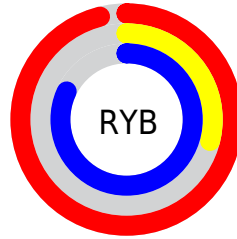
The Yxy color **28.8193, 0.3592, 0.2021** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **67.3635, 0.2899, 0.5122**, and the grayscale version is **26.3542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0883, 0.3181, 0.2153**, and **12.4903, 0.3687, 0.1805** is the 20% darker color. If you saturate the color by 10%, you get **25.8718, 0.3677, 0.1932**, and if you desaturate by 10%, it is **33.0463, 0.3507, 0.2152**.

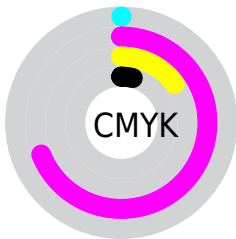
Distribution



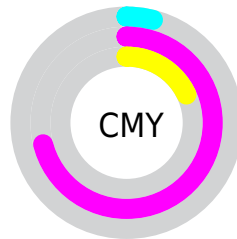
- Red (96%)
- Green (29%)
- Blue (82%)



- Red (96%)
- Yellow (29%)
- Blue (82%)



- Cyan (0%)
- Magenta (69%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (71%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8193, 0.3592, 0.2021 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 28.8193, 0.3592, 0.2021 by changing the saturation by 10% instead.


 28.8193, 0.3592,
0.2021


 28.8193, 0.3592,
0.2021

296.3614, 0.3378,
0.2622


 18.9442, 0.3639,
0.1883


 57.7899, 0.3519,
0.2231

 11.6299, 0.3695,
0.1714


 77.6541, 0.3490,
0.2312

 6.4922, 0.3764,
0.1503

 101.6168, 0.3465,
0.2382

 3.1466, 0.3846,
0.1235

 130.0624, 0.3443,
0.2443

 1.2088, 0.3941,
0.0894

163.3752, 0.3424,
0.2496

 0.0688, 0.4186,
0.0116

201.9398, 0.3407,


 0.0000, 0.4070,


0.2543


0.0000


246.1404, 0.3392,
0.2585

 0.0000, 0.0000,
0.0000


 28.8193, 0.3592,
0.2021


 28.8193, 0.3592,
0.2021


 25.8718, 0.3677,
0.1932


 33.0463, 0.3507,
0.2152

 24.0453, 0.3761,
0.1890


 38.6786, 0.3427,
0.2317


 23.1028, 0.3841,
0.1892


 45.8315, 0.3351,
0.2504

 23.0485, 0.3846,
0.1893

 54.6073, 0.3283,
0.2704

 65.0993, 0.3222,
0.2908

 77.3939, 0.3170,
0.3110

 91.5714, 0.3124,
0.3304

 97.6367, 0.3090,
0.3342

 97.9666, 0.3061,
0.3292

Harmonies

Analogous

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



28.8193, 0.2319, 0.1608



28.8193, 0.3592, 0.2021



28.8193, 0.4975, 0.2663

Triad

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



28.8193, 0.3592, 0.2021



28.8193, 0.4541, 0.5177



28.8193, 0.1110, 0.2328

Complementary

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



28.8193, 0.3592, 0.2021



67.3635, 0.2899, 0.5122

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.



28.8193, 0.1461, 0.3682



28.8193, 0.3592, 0.2021



28.8193, 0.3422, 0.5847

Square

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



28.8193, 0.3592, 0.2021



28.8193, 0.5416, 0.4242



28.8193, 0.2297, 0.5335



28.8193, 0.1146, 0.1672

Rectangle

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



28.8193, 0.3592, 0.2021



28.8193, 0.5555, 0.3153



28.8193, 0.2297, 0.5335



28.8193, 0.1177, 0.2695

Sweetspot

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



28.8207, 0.3592, 0.2021



69.7506, 0.3233, 0.2872



14.7959, 0.1977, 0.1164



14.2214, 0.3249, 0.2816



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.



28.8207, 0.3592, 0.2021



27.6631, 0.3710, 0.1910



25.7631, 0.4755, 0.2811



16.7043, 0.3171, 0.3106



12.5492, 0.3834, 0.1886



1.1177, 0.3740, 0.1834

Inverse Universe

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



28.8207, 0.3592, 0.2021



27.6631, 0.3710, 0.1910



70.0809, 0.2541, 0.3964



16.7043, 0.3171, 0.3106



12.5492, 0.3834, 0.1886



1.1177, 0.3740, 0.1834

Previews

White Background



This preview shows how the Yxy color 28.8193, 0.3592, 0.2021 looks on a white background.

Color Contrast Check

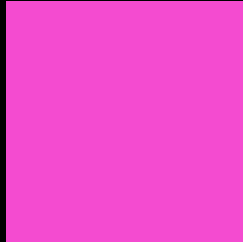
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8193, 0.3592, 0.2021 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 28.8193, 0.3592, 0.2021

Background



This preview shows how black text looks on a background with the Yxy color 28.8193, 0.3592, 0.2021.

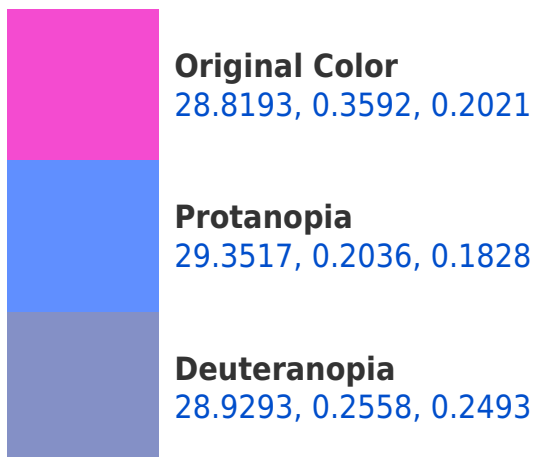


This preview shows how white text looks on a background with the Yxy color 28.8193, 0.3592, 0.2021.

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

28.7105, 0.4720, 0.3220

Trichromacy



Original Color

28.8193, 0.3592, 0.2021



Protanomaly

25.6139, 0.2393, 0.1777



Deuteranomaly

26.3422, 0.2875, 0.2196



Tritanomaly

28.0812, 0.4319, 0.2734

Monochromacy



Original Color

28.8193, 0.3592, 0.2021



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

24.9042, 0.3312, 0.2617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8193, 0.3592, 0.2021 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(244, 75, 208)` looks like.

```
.text, #text, p{  
    color:rgb(244, 75, 208)  
}
```

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(244, 75, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 75, 208) }
```

Border

The CSS property to change the border of an element to Yxy 28.8193, 0.3592, 0.2021 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(244, 75, 208) }
```

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

```
.border{ border-color:rgb(244, 75, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 75, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 75, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 75, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 75,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8193, 0.3592, 0.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 75, 208) }
```

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

```
.background{ background-color: rgb(244, 75,  
208) }
```

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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