

Converting Colors

$Y_{xy}(28.9592, 0.3245, 0.1591)$

Have a look what the booklet for
Yxy(28.9592, 0.3245, 0.1591)
contains.

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Color

Yxy(28.9203, 0.3248, 0.1592)

Conversions

Conversions Part 1

Format	Color
Hex	FF19FB
RGB	255, 25, 251
RGB Percent	100%, 10%, 98%
CMY	0.0000, 0.9021, 0.0157
CMYK	0.00, 0.90, 0.02, 0.00
HSL	301°, 100%, 55%
HSV	301°, 90%, 100%
XYZ	59.0032, 28.9203, 93.7367
YIQ	119.5340, 64.5340, 119.0460

Conversions

Conversions Part 2

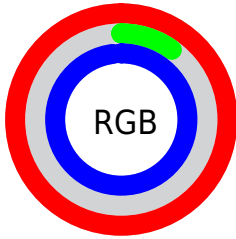
Format	Color
R_{YB}	255, 25, 251
Decimal	16718331
CIE _{Lab}	60.71, 95.88, -58.00
CIE _{LCh}	61, 112.055, 328.829
Yxy	28.9203, 0.3248, 0.1592
Android (android.graphics.Color)	4294908411 (0xFFFF19FB)
YUV	119.5340, 64.8127, 118.8037
Hunter-Lab	53.7776, 101.7342, -65.7007

Details

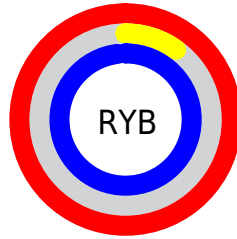
The Yxy color **28.9203, 0.3248, 0.1592** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **71.8149, 0.2999, 0.5920**, and the grayscale version is **18.3957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8489, 0.3190, 0.1956**, and **15.2325, 0.3196, 0.1534** is the 20% darker color. If you saturate the color by 10%, you get **28.1975, 0.3254, 0.1566**, and if you desaturate by 10%, it is **30.5748, 0.3240, 0.1654**.

Distribution



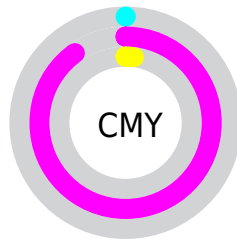
- Red (100%)
- Green (10%)
- Blue (98%)



- Red (100%)
- Yellow (10%)
- Blue (98%)



- Cyan (0%)
- Magenta (90%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (90%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9203, 0.3248, 0.1592 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 28.9203, 0.3248, 0.1592 by changing the saturation by 10% instead.


 28.9203, 0.3248,
0.1592


 28.9203, 0.3248,
0.1592


296.8387, 0.3238,
0.2340

 19.0205, 0.3238,
0.1437


 57.9504, 0.3254,
0.1840


 11.6851, 0.3219,
0.1255


 77.8496, 0.3254,
0.1940


 6.5296, 0.3185,
0.1042


 101.8507, 0.3252,
0.2028

 3.1697, 0.3124,
0.0794

 130.3381, 0.3250,
0.2105

 1.2210, 0.3015,
0.0515

 163.6962, 0.3247,
0.2174

 0.0787, 0.2861,
0.0063

202.3094, 0.3244,

 0.0000, 0.2439,

0.2235

0.0000

246.5621, 0.3241,
0.2290

■ 0.0000, 0.1375,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 28.9203, 0.3248,
0.1592

■ 28.9203, 0.3248,
0.1592

■ 28.1975, 0.3254,
0.1566

■ 30.5748, 0.3240,
0.1654

■ 33.4462, 0.3230,
0.1760

■ 37.7087, 0.3217,
0.1909

■ 43.5093, 0.3203,
0.2095

50.9761, 0.3188,
0.2312

60.2243, 0.3173,
0.2548

71.3583, 0.3157,
0.2795

84.4749, 0.3142,
0.3043

99.6640, 0.3127,
0.3285

Harmonies

Analogous

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



28.9203, 0.1813, 0.1211



28.9203, 0.3248, 0.1592



28.9203, 0.5152, 0.2259

Triad

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



28.9203, 0.3248, 0.1592



28.9203, 0.4925, 0.5075



28.9203, 0.0755, 0.2287

Complementary

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



28.9203, 0.3248, 0.1592



71.8149, 0.2999, 0.5920

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.



28.9203, 0.1190, 0.4333



28.9203, 0.3248, 0.1592



28.9203, 0.3540, 0.6360

Square

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



28.9203, 0.3248, 0.1592



28.9203, 0.6018, 0.3899



28.9203, 0.2219, 0.6523



28.9203, 0.0748, 0.1404

Rectangle

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



28.9203, 0.3248, 0.1592



28.9203, 0.6070, 0.2772



28.9203, 0.2219, 0.6523



28.9203, 0.0840, 0.2820

Sweetspot

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



28.9190, 0.3248, 0.1592



63.5841, 0.3168, 0.2626



8.1725, 0.1546, 0.0668



12.8453, 0.3173, 0.2543



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.



28.9190, 0.3248, 0.1592



28.1975, 0.3254, 0.1566



23.7361, 0.4832, 0.2491



18.2946, 0.3141, 0.3060



14.7363, 0.3253, 0.1566



1.4365, 0.3248, 0.1563

Inverse Universe

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



28.9190, 0.3248, 0.1592



28.1975, 0.3254, 0.1566



73.7345, 0.2686, 0.4810



18.2946, 0.3141, 0.3060



14.7363, 0.3253, 0.1566



1.4365, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 28.9203, 0.3248, 0.1592 looks on a white background.

Color Contrast Check

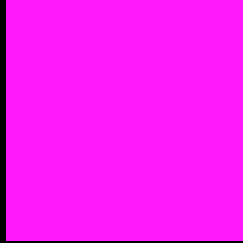
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9203, 0.3248, 0.1592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

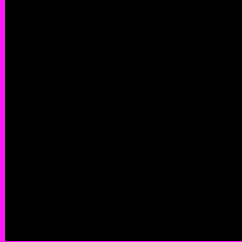
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9203, 0.3248, 0.1592

Background



This preview shows how black text looks on a background with the Yxy color 28.9203, 0.3248, 0.1592.



This preview shows how white text looks on a background with the Yxy color 28.9203, 0.3248, 0.1592.

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

28.9203, 0.3248, 0.1592

Protanopia

29.2446, 0.2027, 0.1825

Deuteranopia

29.3032, 0.2112, 0.2050



Tritanopia

28.7011, 0.4847, 0.3224

Trichromacy



Original Color

28.9203, 0.3248, 0.1592



Protanomaly

23.0424, 0.2296, 0.1487



Deuteranomaly

22.8237, 0.2376, 0.1601



Tritanomaly

26.6808, 0.4267, 0.2459

Monochromacy



Original Color

28.9203, 0.3248, 0.1592



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

17.7592, 0.3195, 0.2127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9203, 0.3248, 0.1592 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(255, 25, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 25, 251)  
}
```

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(255, 25, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 25, 251) }
```

Border

The CSS property to change the border of an element to Yxy 28.9203, 0.3248, 0.1592 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(255, 25, 251) }
```

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

```
.border{ border-color:rgb(255, 25, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 25, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 25, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 25, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 25,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9203, 0.3248, 0.1592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 25, 251) }
```

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

```
.background{ background-color: rgb(255, 25,  
251) }
```

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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