

Converting Colors

$Yxy(28.0307, 0.3269, 0.1593)$

Have a look what the booklet for
Yxy(28.0307, 0.3269, 0.1593)
contains.

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Color

Yxy(28.0307, 0.3269, 0.1593)

Conversions

Conversions Part 1

Format	Color
Hex	FD12F7
RGB	253, 18, 247
RGB Percent	99%, 7%, 97%
CMY	0.0078, 0.9299, 0.0312
CMYK	0.00, 0.93, 0.02, 0.01
HSL	302°, 98%, 53%
HSV	302°, 93%, 99%
XYZ	57.5219, 28.0307, 90.4091
YIQ	114.3710, 66.5510, 121.0390

Conversions

Conversions Part 2

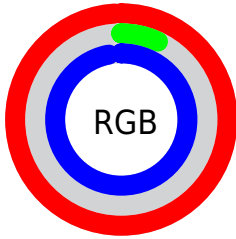
Format	Color
R _{YB}	253, 18, 247
Decimal	16585463
CIE _{Lab}	59.92, 95.70, -57.09
CIE _{LCh}	60, 111.438, 329.182
Y _{xy}	28.0307, 0.3269, 0.1593
Android (android.graphics.Color)	4294775543 (0xFFFD12F7)
YUV	114.3710, 65.3861, 121.5776
Hunter-Lab	52.9440, 101.2821, -64.1849

Details

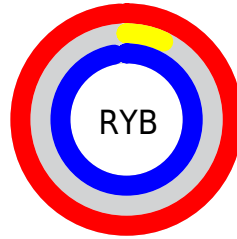
The Yxy color **28.0307, 0.3269, 0.1593** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **70.4529, 0.2997, 0.5942**, and the grayscale version is **16.7082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2051, 0.3191, 0.1935**, and **14.7941, 0.3222, 0.1549** is the 20% darker color. If you saturate the color by 10%, you get **27.5756, 0.3275, 0.1578**, and if you desaturate by 10%, it is **29.3836, 0.3259, 0.1643**.

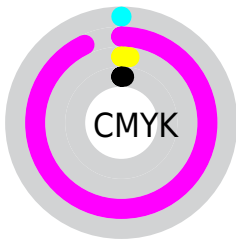
Distribution



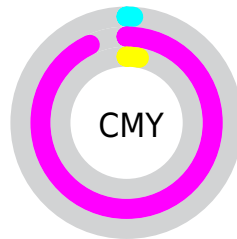
- Red (99%)
- Green (7%)
- Blue (97%)



- Red (99%)
- Yellow (7%)
- Blue (97%)



- Cyan (0%)
- Magenta (93%)
- Yellow (2%)
- Black (1%)




- Cyan (1%)
- Magenta (93%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0307, 0.3269, 0.1593 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 28.0307, 0.3269, 0.1593 by changing the saturation by 10% instead.

 28.0307, 0.3269,
0.1593


 28.0307, 0.3269,
0.1593


292.6136, 0.3248,
0.2345


 18.3488, 0.3261,
0.1436


 56.5335, 0.3272,
0.1843

 11.2007, 0.3245,
0.1252


 76.1231, 0.3270,
0.1944

 6.2020, 0.3214,
0.1036


 99.7841, 0.3267,
0.2032

 2.9683, 0.3157,
0.0784

 127.9009, 0.3264,
0.2109

 1.1152, 0.3050,
0.0501

 160.8578, 0.3260,
0.2178

 0.0000, 0.2909,
0.0000

199.0393, 0.3256,

 0.0000, 0.2461,

0.2240

0.0000

242.8298, 0.3252,
0.2295

■ 0.0000, 0.1156,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 28.0307, 0.3269,
0.1593

■ 28.0307, 0.3269,
0.1593


■ 27.5756, 0.3275,
0.1578

■ 29.3836, 0.3259,
0.1643


■ 31.8750, 0.3247,
0.1736


■ 35.6887, 0.3233,
0.1873


■ 40.9753, 0.3217,
0.2049

 47.8649, 0.3200,
0.2258

 56.4736, 0.3182,
0.2488

 66.9064, 0.3165,
0.2731

 79.2603, 0.3148,
0.2978

 93.6251, 0.3132,
0.3220

Harmonies

Analogous

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



28.0307, 0.1821, 0.1208



28.0307, 0.3269, 0.1593



28.0307, 0.5182, 0.2263

Triad

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



28.0307, 0.3269, 0.1593



28.0307, 0.4909, 0.5091



28.0307, 0.0747, 0.2265

Complementary

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



28.0307, 0.3269, 0.1593



70.4529, 0.2997, 0.5942

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.



28.0307, 0.1174, 0.4306



28.0307, 0.3269, 0.1593



28.0307, 0.3520, 0.6385

Square

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



28.0307, 0.3269, 0.1593



28.0307, 0.6018, 0.3908



28.0307, 0.2198, 0.6528



28.0307, 0.0744, 0.1392

Rectangle

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



28.0307, 0.3269, 0.1593



28.0307, 0.6093, 0.2777



28.0307, 0.2198, 0.6528



28.0307, 0.0829, 0.2794

Sweetspot

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



28.0320, 0.3269, 0.1593



62.4788, 0.3173, 0.2607



7.6894, 0.1530, 0.0644



12.4312, 0.3181, 0.2503



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.



28.0320, 0.3269, 0.1593



28.0699, 0.3275, 0.1578



22.9669, 0.4900, 0.2509



18.2919, 0.3142, 0.3062



14.6707, 0.3274, 0.1577



1.4309, 0.3266, 0.1573

Inverse Universe

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



28.0320, 0.3269, 0.1593



28.0699, 0.3275, 0.1578



72.2623, 0.2694, 0.4859



18.2919, 0.3142, 0.3062



14.6707, 0.3274, 0.1577



1.4309, 0.3266, 0.1573

Previews

White Background



This preview shows how the Yxy color 28.0307, 0.3269, 0.1593 looks on a white background.

Color Contrast Check

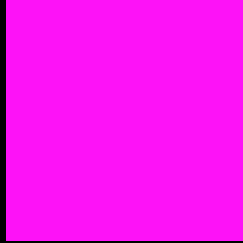
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0307, 0.3269, 0.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

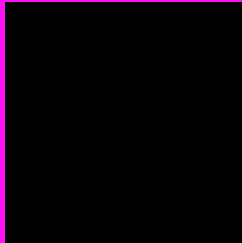
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0307, 0.3269, 0.1593

Background



This preview shows how black text looks on a background with the Yxy color 28.0307, 0.3269, 0.1593.



This preview shows how white text looks on a background with the Yxy color 28.0307, 0.3269, 0.1593.

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

28.0307, 0.3269, 0.1593

Protanopia

28.4434, 0.2004, 0.1793

Deuteranopia

28.4567, 0.2123, 0.2061



Tritanopia

27.9120, 0.4881, 0.3234

Trichromacy



Original Color

28.0307, 0.3269, 0.1593



Protanomaly

21.7836, 0.2270, 0.1448



Deuteranomaly

21.7135, 0.2387, 0.1585



Tritanomaly

25.7112, 0.4301, 0.2452

Monochromacy



Original Color

28.0307, 0.3269, 0.1593



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

16.1999, 0.3224, 0.2103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0307, 0.3269, 0.1593 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(253, 18, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 18, 247)  
}
```

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(253, 18, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 18, 247) }
```

Border

The CSS property to change the border of an element to Yxy 28.0307, 0.3269, 0.1593 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(253, 18, 247) }
```

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

```
.border{ border-color:rgb(253, 18, 247) }
```

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

Here you see how a box with a 4 pixel rgb(253, 18, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 18, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 18, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 18,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0307, 0.3269, 0.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 18, 247) }
```

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

```
.background{ background-color: rgb(253, 18,  
247) }
```

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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