

Converting Colors

$Y_{xy}(32.9303, 0.3297, 0.1813)$

Have a look what the booklet for
Yxy(32.9303, 0.3297, 0.1813)
contains.

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Color

Yxy(32.9102, 0.3297, 0.1813)

Conversions

Conversions Part 1

Format	Color
Hex	FE4DF4
RGB	254, 77, 244
RGB Percent	100%, 30%, 96%
CMY	0.0040, 0.6979, 0.0432
CMYK	0.00, 0.70, 0.04, 0.00
HSL	303°, 99%, 65%
HSV	303°, 70%, 100%
XYZ	59.8483, 32.9102, 88.7650
YIQ	148.9610, 51.8850, 89.4610

Conversions

Conversions Part 2

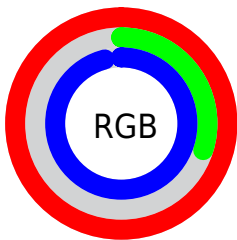
Format	Color
R_{YB}	254, 77, 244
Decimal	16666100
CIE _{Lab}	64.09, 83.35, -48.75
CIE _{LCh}	64, 96.559, 329.676
Yxy	32.9102, 0.3297, 0.1813
Android (android.graphics.Color)	4294856180 (0xFFFE4DF4)
YUV	148.9610, 46.8542, 92.1192
Hunter-Lab	57.3674, 85.8263, -51.5826

Details

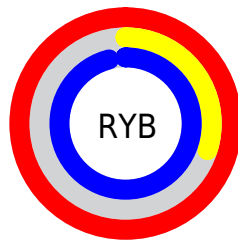
The Yxy color **32.9102, 0.3297, 0.1813** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **73.1424, 0.2993, 0.5442**, and the grayscale version is **29.8282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2362, 0.3179, 0.2187**, and **14.9253, 0.3289, 0.1585** is the 20% darker color. If you saturate the color by 10%, you get **29.9354, 0.3320, 0.1708**, and if you desaturate by 10%, it is **37.2753, 0.3272, 0.1961**.

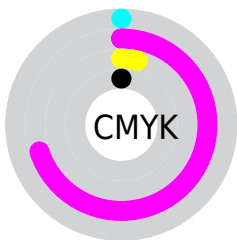
Distribution



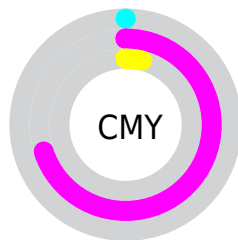
- Red (100%)
- Green (30%)
- Blue (96%)



- Red (100%)
- Yellow (30%)
- Blue (96%)



- Cyan (0%)
- Magenta (70%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9102, 0.3297, 0.1813 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 32.9102, 0.3297, 0.1813 by changing the saturation by 10% instead.


 32.9102, 0.3297,
0.1813

 32.9102, 0.3297,
0.1813


315.2449, 0.3250,
0.2475


 22.0577, 0.3299,
0.1671


 64.2353, 0.3287,
0.2036


 13.8993, 0.3297,
0.1502


 85.4767, 0.3282,
0.2125

 8.0506, 0.3287,
0.1299


 110.9497, 0.3276,
0.2202

 4.1274, 0.3260,
0.1053

 141.0389, 0.3270,
0.2270

 1.7451, 0.3201,
0.0760

176.1287, 0.3265,
0.2330

 0.4526, 0.3090,
0.0375

216.6033, 0.3259,

 0.0000, 0.2826,

0.2384

0.0000

262.8473, 0.3254,
0.2432

■ 0.0000, 0.1846,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.9102, 0.3297,
0.1813

■ 32.9102, 0.3297,
0.1813

■ 29.9354, 0.3320,
0.1708

■ 37.2753, 0.3272,
0.1961

■ 28.1745, 0.3341,
0.1647

■ 43.1705, 0.3246,
0.2145

■ 27.3576, 0.3359,
0.1625

■ 50.7234, 0.3220,
0.2357

■ 27.3364, 0.3359,
0.1624

■ 60.0473, 0.3194,
0.2587

71.2453, 0.3170,
0.2826

84.4128, 0.3147,
0.3065

99.6385, 0.3127,
0.3298

99.8079, 0.3121,
0.3290

Harmonies

Analogous

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



32.9102, 0.2025, 0.1444



32.9102, 0.3297, 0.1813



32.9102, 0.4866, 0.2443

Triad

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



32.9102, 0.3297, 0.1813



32.9102, 0.4812, 0.5039



32.9102, 0.1013, 0.2458

Complementary

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



32.9102, 0.3297, 0.1813



73.1424, 0.2993, 0.5442

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.



32.9102, 0.1461, 0.4113



32.9102, 0.3297, 0.1813



32.9102, 0.3631, 0.5975

Square

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



32.9102, 0.3297, 0.1813



32.9102, 0.5695, 0.4031



32.9102, 0.2427, 0.5849



32.9102, 0.0988, 0.1641

Rectangle

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



32.9102, 0.3297, 0.1813



32.9102, 0.5632, 0.2938



32.9102, 0.2427, 0.5849



32.9102, 0.1107, 0.2913

Sweetspot

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



32.9117, 0.3297, 0.1813



70.2698, 0.3173, 0.2794



14.4417, 0.1818, 0.1077



14.3465, 0.3180, 0.2728



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.



32.9117, 0.3297, 0.1813



29.2960, 0.3329, 0.1676



28.8046, 0.4385, 0.2547



18.2816, 0.3147, 0.3069



14.4217, 0.3357, 0.1623



1.4094, 0.3338, 0.1613

Inverse Universe

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



32.9117, 0.3297, 0.1813



29.2960, 0.3329, 0.1676



75.5235, 0.2653, 0.4339



18.2816, 0.3147, 0.3069



14.4217, 0.3357, 0.1623



1.4094, 0.3338, 0.1613

Previews

White Background



This preview shows how the Yxy color 32.9102, 0.3297, 0.1813 looks on a white background.

Color Contrast Check

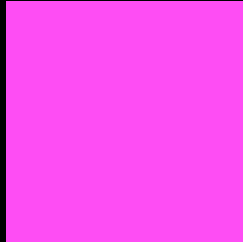
Large Text (above 18pt) WCAG AA × Fail

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 32.9102, 0.3297, 0.1813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

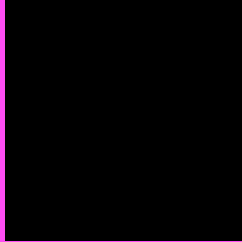
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9102, 0.3297, 0.1813

Background



This preview shows how black text looks on a background with the Yxy color 32.9102, 0.3297, 0.1813.



This preview shows how white text looks on a background with the Yxy color 32.9102, 0.3297, 0.1813.

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

32.9102, 0.3297, 0.1813

Protanopia

33.1212, 0.2138, 0.1969

Deuteranopia

33.3338, 0.2301, 0.2245



Tritanopia

32.6468, 0.4537, 0.3209

Trichromacy



Original Color

32.9102, 0.3297, 0.1813



Protanomaly

29.5248, 0.2436, 0.1796



Deuteranomaly

29.6699, 0.2575, 0.1955



Tritanomaly

31.9227, 0.4073, 0.2610

Monochromacy



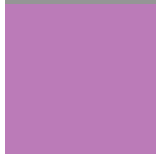
Original Color

32.9102, 0.3297, 0.1813



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

28.1914, 0.3198, 0.2488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9102, 0.3297, 0.1813 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(254, 77, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 77, 244)  
}
```

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(254, 77, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 77, 244) }
```

Border

The CSS property to change the border of an element to Yxy 32.9102, 0.3297, 0.1813 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(254, 77, 244) }
```

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

```
.border{ border-color:rgb(254, 77, 244) }
```

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

Here you see how a box with a 4 pixel rgb(254, 77, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 77, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 77, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 77,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9102, 0.3297, 0.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 77, 244) }
```

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

```
.background{ background-color: rgb(254, 77,  
244) }
```

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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