

Converting Colors

$Y_{xy}(47.3804, 0.3291, 0.2397)$

Have a look what the booklet for
Yxy(47.3804, 0.3291, 0.2397)
contains.

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Color

Yxy(47.2476, 0.3294, 0.2395)

Conversions

Conversions Part 1

Format	Color
Hex	FA93EC
RGB	250, 147, 236
RGB Percent	98%, 58%, 93%
CMY	0.0198, 0.4234, 0.0745
CMYK	0.00, 0.41, 0.06, 0.02
HSL	308°, 91%, 78%
HSV	308°, 41%, 98%
XYZ	64.9827, 47.2476, 85.0457
YIQ	187.9430, 32.8190, 49.5150

Conversions

Conversions Part 2

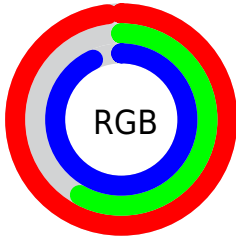
Format	Color
R _Y B	250, 147, 236
Decimal	16421868
CIE Lab	74.35, 51.05, -28.42
CIE LCh	74, 58.422, 330.897
Yxy	47.2476, 0.3294, 0.2395
Android (android.graphics.Color)	4294611948 (0xFFFA93EC)
YUV	187.9430, 23.6921, 54.4240
Hunter-Lab	68.7369, 48.4614, -25.2416

Details

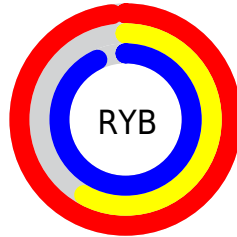
The Yxy color **47.2476, 0.3294, 0.2395** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.1173, 0.2998, 0.4392**, and the grayscale version is **50.1077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **22.3305, 0.3325, 0.2191** is the 20% darker color. If you saturate the color by 10%, you get **40.1049, 0.3345, 0.2198**, and if you desaturate by 10%, it is **56.0870, 0.3247, 0.2609**.

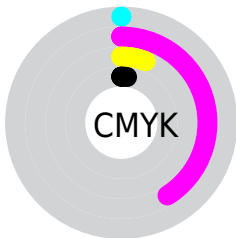
Distribution



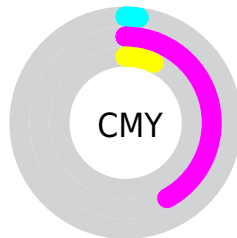
- Red (98%)
- Green (58%)
- Blue (93%)



- Red (98%)
- Yellow (58%)
- Blue (93%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2476, 0.3294, 0.2395 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 47.2476, 0.3294, 0.2395 by changing the saturation by 10% instead.


 47.2476, 0.3294,
0.2395


 47.2476, 0.3294,
0.2395


375.8020, 0.3226,
0.2804

 33.2314, 0.3307,
0.2303


 86.0831, 0.3272,
0.2536

 22.3038, 0.3322,
0.2191


 111.6712, 0.3263,
0.2591

 14.0803, 0.3338,
0.2052


141.8854, 0.3255,
0.2638

 8.1765, 0.3356,
0.1873

177.1102, 0.3248,
0.2680

 4.2081, 0.3373,
0.1639

217.7298, 0.3242,
0.2717

 1.7906, 0.3381,
0.1324

264.1287, 0.3236,

 0.4813, 0.3387,

0.2749

0.0803

316.6913, 0.3231,
0.2778

■ 0.0000, 0.3259,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.2476, 0.3294,
0.2395

■ 47.2476, 0.3294,
0.2395

■ 40.1049, 0.3345,
0.2198

■ 56.0870, 0.3247,
0.2609

■ 34.5420, 0.3397,
0.2028

■ 66.7172, 0.3203,
0.2830

■ 30.4375, 0.3450,
0.1895

■ 79.2331, 0.3165,
0.3051

■ 27.6494, 0.3502,
0.1804

■ 93.7209, 0.3131,
0.3266

■ 26.0074, 0.3551,
0.1760

■ 98.9219, 0.3108,
0.3310

■ 25.2747, 0.3592,
0.1752

■ 99.0540, 0.3096,
0.3290

Harmonies

Analogous

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



47.2476, 0.2525, 0.2127



47.2476, 0.3294, 0.2395



47.2476, 0.4112, 0.2845

Triad

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



47.2476, 0.3294, 0.2395



47.2476, 0.4271, 0.4526



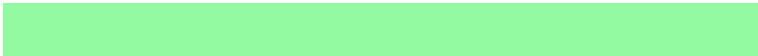
47.2476, 0.1809, 0.2877

Complementary

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



47.2476, 0.3294, 0.2395



77.1173, 0.2998, 0.4392

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.



47.2476, 0.2168, 0.3715



47.2476, 0.3294, 0.2395



47.2476, 0.3581, 0.4792

Square

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



47.2476, 0.3294, 0.2395



47.2476, 0.4687, 0.3992



47.2476, 0.2811, 0.4507



47.2476, 0.1759, 0.2323

Rectangle

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



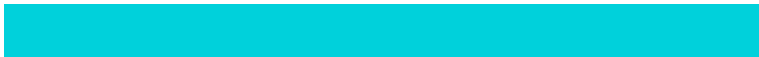
47.2476, 0.3294, 0.2395



47.2476, 0.4520, 0.3209



47.2476, 0.2811, 0.4507



47.2476, 0.1893, 0.3134

Sweetspot

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



47.2497, 0.3294, 0.2395



81.7422, 0.3168, 0.3032



35.3311, 0.2452, 0.2046



17.1097, 0.3173, 0.3004



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.



47.2497, 0.3294, 0.2395



43.4150, 0.3334, 0.2238



44.6872, 0.3790, 0.2891



17.4817, 0.3159, 0.3087



13.4289, 0.3585, 0.1748



1.2546, 0.3533, 0.1720

Inverse Universe

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



47.2497, 0.3294, 0.2395



43.4150, 0.3334, 0.2238



79.3086, 0.2740, 0.3739



17.4817, 0.3159, 0.3087



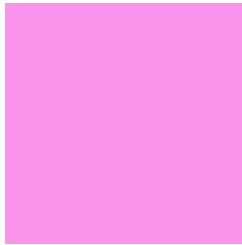
13.4289, 0.3585, 0.1748



1.2546, 0.3533, 0.1720

Previews

White Background



This preview shows how the Yxy color 47.2476, 0.3294, 0.2395 looks on a white background.

Color Contrast Check

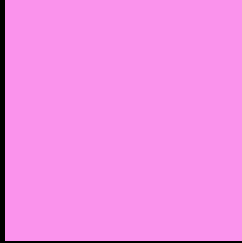
Large Text (above 18pt) WCAG AA × Fail

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 47.2476, 0.3294, 0.2395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

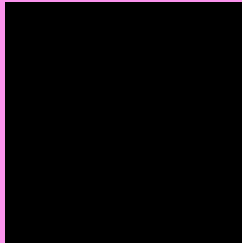
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2476, 0.3294, 0.2395

Background



This preview shows how black text looks on a background with the Yxy color 47.2476, 0.3294, 0.2395.



This preview shows how white text looks on a background with the Yxy color 47.2476, 0.3294, 0.2395.

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

47.2476, 0.3294, 0.2395

Protanopia

47.7413, 0.2478, 0.2411

Deuteranopia

47.7028, 0.2739, 0.2681



Tritanopia

46.9974, 0.3807, 0.3160

Trichromacy



Original Color

47.2476, 0.3294, 0.2395



Protanomaly

46.4907, 0.2730, 0.2389



Deuteranomaly

46.6688, 0.2927, 0.2555



Tritanomaly

46.7953, 0.3621, 0.2861

Monochromacy



Original Color

47.2476, 0.3294, 0.2395



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.1438, 0.3197, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2476, 0.3294, 0.2395 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(250, 147, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 147, 236)  
}
```

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(250, 147, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 147, 236) }
```

Border

The CSS property to change the border of an element to Yxy 47.2476, 0.3294, 0.2395 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(250, 147, 236) }
```

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

```
.border{ border-color:rgb(250, 147, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 147, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 147, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 147, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 147,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2476, 0.3294, 0.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 147, 236) }
```

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

```
.background{ background-color: rgb(250,  
147, 236) }
```

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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