

Converting Colors

$Y_{xy}(51.9771, 0.3224, 0.2412)$

Have a look what the booklet for
Yxy(51.9771, 0.3224, 0.2412)
contains.

Yxy(52.0518, 0.3219, 0.2410)	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(52.0518, 0.3219, 0.2410)

Conversions

Conversions Part 1

Format	Color
Hex	FD9EF7
RGB	253, 158, 247
RGB Percent	99%, 62%, 97%
CMY	0.0079, 0.3804, 0.0312
CMYK	0.00, 0.38, 0.02, 0.01
HSL	304°, 96%, 81%
HSV	304°, 38%, 99%
XYZ	69.5248, 52.0518, 94.4060
YIQ	196.5510, 28.0510, 47.8190

Conversions

Conversions Part 2

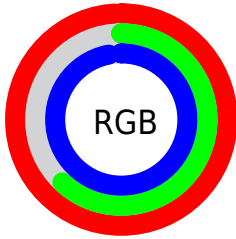
Format	Color
R _Y B	253, 158, 247
Decimal	16621303
CIE Lab	77.31, 48.30, -29.83
CIE LCh	77, 56.771, 328.303
Yxy	52.0518, 0.3219, 0.2410
Android (android.graphics.Color)	4294811383 (0xFFFD9EF7)
YUV	196.5510, 24.8714, 49.5058
Hunter-Lab	72.1469, 45.7554, -27.0795

Details

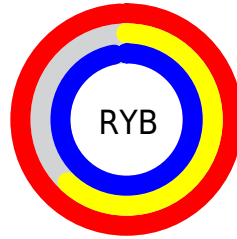
The Yxy color **52.0518, 0.3219, 0.2410** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80.1935, 0.3043, 0.4364**, and the grayscale version is **55.3870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5731, 0.3146, 0.2891**, and **25.2204, 0.3235, 0.2220** is the 20% darker color. If you saturate the color by 10%, you get **44.1957, 0.3247, 0.2194**, and if you desaturate by 10%, it is **61.6897, 0.3192, 0.2642**.

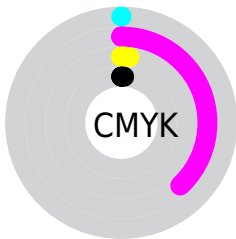
Distribution



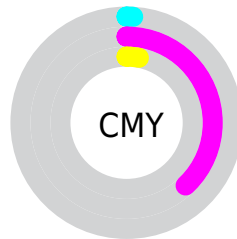
- Red (99%)
- Green (62%)
- Blue (97%)



- Red (99%)
- Yellow (62%)
- Blue (97%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (38%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0518, 0.3219, 0.2410 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 52.0518, 0.3219, 0.2410 by changing the saturation by 10% instead.


 52.0518, 0.3219,
0.2410


 52.0518, 0.3219,
0.2410


394.6366, 0.3188,
0.2807

 37.0464, 0.3223,
0.2323


 93.2076, 0.3210,
0.2545

 25.2434, 0.3228,
0.2216


 120.1268, 0.3206,
0.2599

 16.2585, 0.3230,
0.2084


151.7860, 0.3203,
0.2645

 9.7072, 0.3231,
0.1918

188.5697, 0.3199,
0.2685

 5.2053, 0.3224,
0.1701

230.8622, 0.3196,
0.2721

 2.3682, 0.3201,
0.1411

279.0479, 0.3193,

 0.8095, 0.3136,

0.2753

0.1014

333.5112, 0.3190,
0.2781

0.0000, 0.3096,
0.0000

0.0000, 0.0000,
0.0000

52.0518, 0.3219,
0.2410

52.0518, 0.3219,
0.2410

44.1957, 0.3247,
0.2194

61.6897, 0.3192,
0.2642

38.0048, 0.3275,
0.2004

73.2028, 0.3167,
0.2880

33.3593, 0.3302,
0.1848

86.6865, 0.3143,
0.3116

30.1207, 0.3328,
0.1735

99.5171, 0.3124,
0.3305

■ 28.1259, 0.3351,
0.1665

99.6188, 0.3115,
0.3290

■ 27.1605, 0.3371,
0.1637

99.6210, 0.3115,
0.3290

■ 27.0029, 0.3376,
0.1634

Harmonies

Analogous

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



52.0518, 0.2506, 0.2171



52.0518, 0.3219, 0.2410



52.0518, 0.3994, 0.2828

Triad

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



52.0518, 0.3219, 0.2410



52.0518, 0.4263, 0.4429



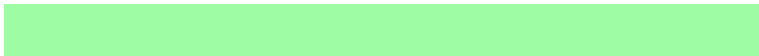
52.0518, 0.1894, 0.2967

Complementary

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



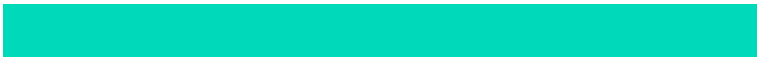
52.0518, 0.3219, 0.2410



80.1935, 0.3043, 0.4364

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.



52.0518, 0.2266, 0.3763



52.0518, 0.3219, 0.2410



52.0518, 0.3627, 0.4698

Square

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



52.0518, 0.3219, 0.2410



52.0518, 0.4618, 0.3920



52.0518, 0.2896, 0.4472



52.0518, 0.1819, 0.2411

Rectangle

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



52.0518, 0.3219, 0.2410



52.0518, 0.4398, 0.3173



52.0518, 0.2896, 0.4472



52.0518, 0.1985, 0.3216

Sweetspot

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



52.0541, 0.3219, 0.2410



83.2781, 0.3151, 0.3035



39.3075, 0.2467, 0.2154



17.4213, 0.3154, 0.3003



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.



52.0541, 0.3219, 0.2410



46.8545, 0.3240, 0.2247



49.5418, 0.3632, 0.2845



18.2795, 0.3148, 0.3070



14.3739, 0.3373, 0.1632



1.4053, 0.3353, 0.1621

Inverse Universe

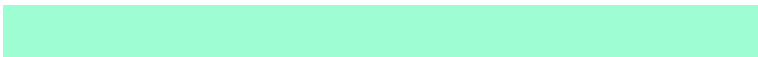
The Inverse Universe completely reimagines the original color for something new.



52.0541, 0.3219, 0.2410



46.8545, 0.3240, 0.2247



82.1801, 0.2808, 0.3790



18.2795, 0.3148, 0.3070



14.3739, 0.3373, 0.1632



1.4053, 0.3353, 0.1621

Previews

White Background



This preview shows how the Yxy color 52.0518, 0.3219, 0.2410 looks on a white background.

Color Contrast Check

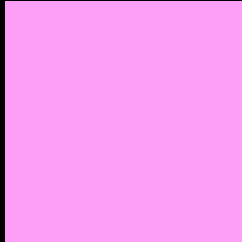
Large Text (above 18pt) WCAG AA × Fail

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 52.0518, 0.3219, 0.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

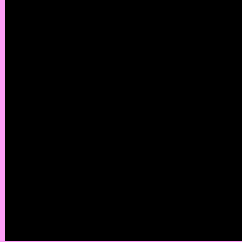
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0518, 0.3219, 0.2410

Background



This preview shows how black text looks on a background with the Yxy color 52.0518, 0.3219, 0.2410.



This preview shows how white text looks on a background with the Yxy color 52.0518, 0.3219, 0.2410.

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

52.0518, 0.3219, 0.2410

Protanopia

52.3858, 0.2566, 0.2524

Deuteranopia

52.5676, 0.2721, 0.2659



Tritanopia

51.9990, 0.3688, 0.3151

Trichromacy



Original Color

52.0518, 0.3219, 0.2410



Protanomaly

51.2866, 0.2771, 0.2468



Deuteranomaly

51.5312, 0.2884, 0.2547



Tritanomaly

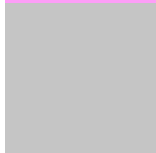
51.7339, 0.3514, 0.2858

Monochromacy



Original Color

52.0518, 0.3219, 0.2410



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.5250, 0.3161, 0.2926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0518, 0.3219, 0.2410 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, 158, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 158, 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, 158, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 158, 247) }
```

Border

The CSS property to change the border of an element to Yxy 52.0518, 0.3219, 0.2410 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, 158, 247) }
```

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

```
.border{ border-color:rgb(253, 158, 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, 158, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 158, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 158, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 158,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0518, 0.3219, 0.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 158, 247) }
```

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

```
.background{ background-color: rgb(253,  
158, 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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