

Converting Colors

Yxy(52.9954, 0.3199, 0.2553)

Have a look what the booklet for
Yxy(52.9954, 0.3199, 0.2553)
contains.

Yxy(52.9241, 0.3196, 0.2549)	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(52.9241, 0.3196, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	F3A7EF
RGB	243, 167, 239
RGB Percent	95%, 65%, 94%
CMY	0.0470, 0.3451, 0.0629
CMYK	0.00, 0.31, 0.02, 0.05
HSL	303°, 76%, 80%
HSV	303°, 31%, 95%
XYZ	66.3576, 52.9241, 88.3453
YIQ	197.9320, 22.1840, 38.5040

Conversions

Conversions Part 2

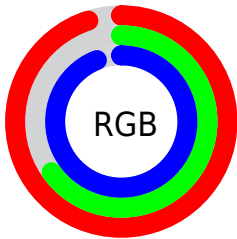
Format	Color
R _Y B	243, 167, 239
Decimal	15968239
CIE Lab	77.83, 39.12, -24.76
CIE LCh	78, 46.300, 327.667
Yxy	52.9241, 0.3196, 0.2549
Android (android.graphics.Color)	4294158319 (0xFFF3A7EF)
YUV	197.9320, 20.2465, 39.5246
Hunter-Lab	72.7490, 35.5071, -21.0766

Details

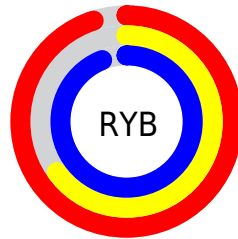
The Yxy color $52.9241, 0.3196, 0.2549$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $75.2656, 0.3062, 0.4163$, and the grayscale version is $56.2944, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2554, 0.3142, 0.2980$, and $25.8926, 0.3204, 0.2383$ is the 20% darker color. If you saturate the color by 10%, you get $44.7668, 0.3221, 0.2321$, and if you desaturate by 10%, it is $62.7595, 0.3172, 0.2787$.

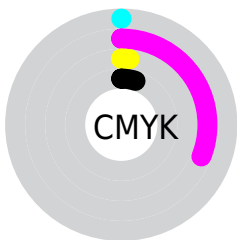
Distribution



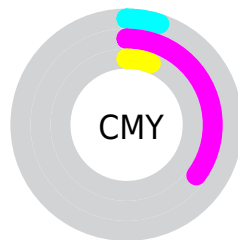
- Red (95%)
- Green (65%)
- Blue (94%)



- Red (95%)
- Yellow (65%)
- Blue (94%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9241, 0.3196, 0.2549 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 52.9241, 0.3196, 0.2549 by changing the saturation by 10% instead.

 52.9241, 0.3196,
0.2549

 52.9241, 0.3196,
0.2549


397.9939, 0.3172,
0.2888

 37.7422, 0.3200,
0.2473


 94.4927, 0.3189,
0.2666

 25.7827, 0.3203,
0.2380


 121.6481, 0.3186,
0.2711

 16.6611, 0.3206,
0.2263


153.5635, 0.3183,
0.2751

 9.9932, 0.3207,
0.2114

190.6233, 0.3180,
0.2785

 5.3944, 0.3202,
0.1916

233.2118, 0.3178,
0.2815

 2.4805, 0.3186,
0.1643

281.7135, 0.3176,

 0.8668, 0.3134,

0.2842

336.5127, 0.3174,
0.2866

0.1252

0.0000, 0.3174,
0.0000

0.0000, 0.0000,
0.0000

52.9241, 0.3196,
0.2549

52.9241, 0.3196,
0.2549

44.7668, 0.3221,
0.2321

62.7595, 0.3172,
0.2787

38.1867, 0.3246,
0.2112

74.3525, 0.3150,
0.3027

33.0828, 0.3271,
0.1933

87.7861, 0.3130,
0.3261

29.3398, 0.3295,
0.1791

97.1164, 0.3115,
0.3396

■ 26.8252, 0.3316,
0.1693

■ 97.1955, 0.3108,
0.3384

■ 25.3800, 0.3335,
0.1638

■ 97.2751, 0.3100,
0.3371

■ 24.7724, 0.3350,
0.1619

■ 97.3552, 0.3093,
0.3358

■ 97.4359, 0.3086,
0.3345

■ 97.5172, 0.3078,
0.3333

Harmonies

Analogous

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



52.9241, 0.2609, 0.2350



52.9241, 0.3196, 0.2549



52.9241, 0.3821, 0.2905

Triad

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



52.9241, 0.3196, 0.2549



52.9241, 0.4084, 0.4237



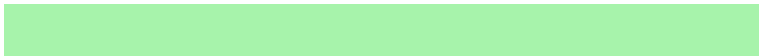
52.9241, 0.2107, 0.3055

Complementary

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



52.9241, 0.3196, 0.2549



75.2656, 0.3062, 0.4163

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.



52.9241, 0.2435, 0.3688



52.9241, 0.3196, 0.2549



52.9241, 0.3570, 0.4425

Square

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



52.9241, 0.3196, 0.2549



52.9241, 0.4352, 0.3831



52.9241, 0.2966, 0.4234



52.9241, 0.2031, 0.2583

Rectangle

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



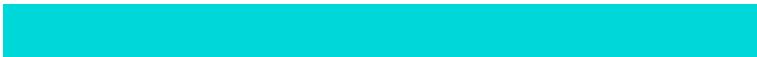
52.9241, 0.3196, 0.2549



52.9241, 0.4148, 0.3199



52.9241, 0.2966, 0.4234



52.9241, 0.2189, 0.3257

Sweetspot

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



52.9264, 0.3196, 0.2549



86.1428, 0.3145, 0.3080



42.7488, 0.2596, 0.2374



17.9929, 0.3148, 0.3046



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.



52.9264, 0.3196, 0.2549



52.6396, 0.3213, 0.2392



50.9239, 0.3521, 0.2922



16.7521, 0.3146, 0.3069



13.6014, 0.3347, 0.1618



1.2000, 0.3328, 0.1607

Inverse Universe

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



52.9264, 0.3196, 0.2549



52.6396, 0.3213, 0.2392



76.9170, 0.2855, 0.3693



16.7521, 0.3146, 0.3069



13.6014, 0.3347, 0.1618



1.2000, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 52.9241, 0.3196, 0.2549 looks on a white background.

Color Contrast Check

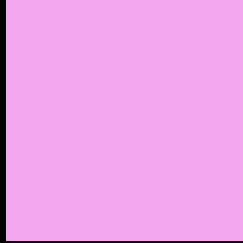
Large Text (above 18pt) WCAG AA × Fail

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 52.9241, 0.3196, 0.2549 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 52.9241, 0.3196, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 52.9241, 0.3196, 0.2549.



This preview shows how white text looks on a background with the Yxy color 52.9241, 0.3196, 0.2549.

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

52.9241, 0.3196, 0.2549

Protanopia

53.1609, 0.2587, 0.2540

Deuteranopia

53.3405, 0.2809, 0.2752



Tritanopia

52.7729, 0.3551, 0.3136

Trichromacy



Original Color

52.9241, 0.3196, 0.2549



Protanomaly

52.5748, 0.2785, 0.2540



Deuteranomaly

52.6592, 0.2941, 0.2672



Tritanomaly

52.7919, 0.3415, 0.2912

Monochromacy



Original Color

52.9241, 0.3196, 0.2549



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.6409, 0.3149, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9241, 0.3196, 0.2549 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(243, 167, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 167, 239)  
}
```

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(243, 167, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 167, 239) }
```

Border

The CSS property to change the border of an element to Yxy 52.9241, 0.3196, 0.2549 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(243, 167, 239) }
```

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

```
.border{ border-color:rgb(243, 167, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 167, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 167, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 167, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 167,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9241, 0.3196, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 167, 239) }
```

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

```
.background{ background-color: rgb(243,  
167, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor