

Converting Colors

$Y_{xy}(52.4278, 0.3164, 0.2492)$

Have a look what the booklet for
Yxy(52.4278, 0.3164, 0.2492)
contains.

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Color

Yxy(52.4360, 0.3165, 0.2492)

Conversions

Conversions Part 1

Format	Color
Hex	F3A5F3
RGB	243, 165, 243
RGB Percent	95%, 65%, 95%
CMY	0.0470, 0.3529, 0.0472
CMYK	0.00, 0.32, 0.00, 0.05
HSL	300°, 77%, 80%
HSV	300°, 32%, 95%
XYZ	66.5971, 52.4360, 91.3842
YIQ	197.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

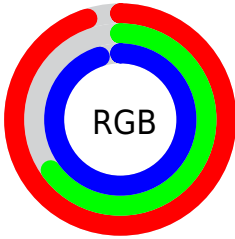
Format	Color
R _Y B	243, 165, 243
Decimal	15967731
CIE Lab	77.54, 40.90, -27.38
CIE LCh	78, 49.218, 326.204
Yxy	52.4360, 0.3165, 0.2492
Android (android.graphics.Color)	4294157811 (0xFFF3A5F3)
YUV	197.2140, 22.5725, 40.1543
Hunter-Lab	72.4127, 37.4420, -24.1346

Details

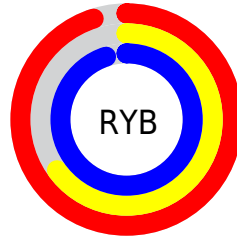
The Yxy color **52.4360, 0.3165, 0.2492** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **74.8322, 0.3082, 0.4242**, and the grayscale version is **55.8237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.6153, 0.3162, 0.2313** is the 20% darker color. If you saturate the color by 10%, you get **44.4879, 0.3176, 0.2256**, and if you desaturate by 10%, it is **62.0543, 0.3153, 0.2740**.

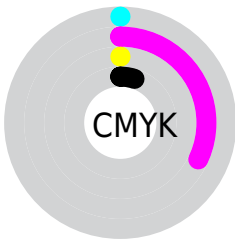
Distribution



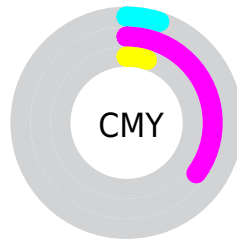
- Red (95%)
- Green (65%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (5%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4360, 0.3165, 0.2492 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 52.4360, 0.3165, 0.2492 by changing the saturation by 10% instead.


 52.4360, 0.3165,
0.2492

 52.4360, 0.3165,
0.2492


396.1175, 0.3157,
0.2855

 37.3527, 0.3164,
0.2411


 93.7739, 0.3164,
0.2617

 25.4807, 0.3163,
0.2312


 120.7974, 0.3163,
0.2665

 16.4356, 0.3158,
0.2189


152.5697, 0.3162,
0.2708

 9.8329, 0.3149,
0.2031

189.4752, 0.3161,
0.2745

 5.2883, 0.3131,
0.1823

231.8983, 0.3160,
0.2777

 2.4174, 0.3092,
0.1541

280.2235, 0.3159,

 0.8348, 0.3005,

0.2806

0.1143

334.8351, 0.3158,
0.2832

0.0000, 0.2940,
0.0000

0.0000, 0.0000,
0.0000

52.4360, 0.3165,
0.2492

52.4360, 0.3165,
0.2492

44.4879, 0.3176,
0.2256

62.0543, 0.3153,
0.2740

38.1085, 0.3186,
0.2043

73.4229, 0.3141,
0.2992

33.1959, 0.3195,
0.1862

86.6254, 0.3130,
0.3239

29.6336, 0.3202,
0.1719


97.0518, 0.3122,
0.3407

 27.2872, 0.3207,
0.1620

 97.0527, 0.3121,
0.3407

 25.9949, 0.3210,
0.1563

 97.0536, 0.3121,
0.3407

 25.5221, 0.3211,
0.1542

 97.0545, 0.3121,
0.3407

 97.0554, 0.3121,
0.3407

 97.0563, 0.3121,
0.3407

Harmonies

Analogous

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



52.4360, 0.2550, 0.2292



52.4360, 0.3165, 0.2492



52.4360, 0.3836, 0.2859

Triad

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



52.4360, 0.3165, 0.2492



52.4360, 0.4161, 0.4274



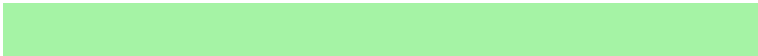
52.4360, 0.2057, 0.3065

Complementary

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



52.4360, 0.3165, 0.2492



74.8322, 0.3082, 0.4242

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.



52.4360, 0.2413, 0.3748



52.4360, 0.3165, 0.2492



52.4360, 0.3623, 0.4501

Square

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



52.4360, 0.3165, 0.2492



52.4360, 0.4435, 0.3831



52.4360, 0.2982, 0.4324



52.4360, 0.1966, 0.2554

Rectangle

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



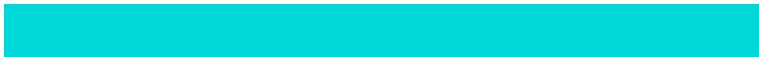
52.4360, 0.3165, 0.2492



52.4360, 0.4196, 0.3165



52.4360, 0.2982, 0.4324



52.4360, 0.2147, 0.3284

Sweetspot

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



52.4383, 0.3165, 0.2492



84.7947, 0.3139, 0.3044



41.3818, 0.2552, 0.2339



17.7282, 0.3140, 0.3008



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.



52.4383, 0.3165, 0.2492



52.1023, 0.3173, 0.2325



50.3289, 0.3499, 0.2872



16.7681, 0.3138, 0.3057



14.0046, 0.3211, 0.1542



1.2309, 0.3211, 0.1542

Inverse Universe

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



52.4383, 0.3165, 0.2492



52.1023, 0.3173, 0.2325



76.4741, 0.2870, 0.3753



16.7681, 0.3138, 0.3057



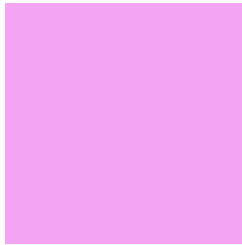
14.0046, 0.3211, 0.1542



1.2309, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 52.4360, 0.3165, 0.2492 looks on a white background.

Color Contrast Check

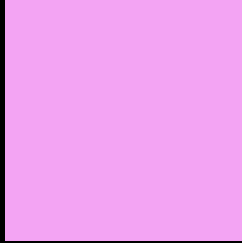
Large Text (above 18pt) WCAG AA × Fail

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 52.4360, 0.3165, 0.2492 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 52.4360, 0.3165, 0.2492

Background



This preview shows how black text looks on a background with the Yxy color 52.4360, 0.3165, 0.2492.



This preview shows how white text looks on a background with the Yxy color 52.4360, 0.3165, 0.2492.

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

52.4360, 0.3165, 0.2492

Protanopia

52.9311, 0.2574, 0.2537

Deuteranopia

52.7632, 0.2761, 0.2695



Tritanopia

52.5577, 0.3551, 0.3147

Trichromacy



Original Color

52.4360, 0.3165, 0.2492



Protanomaly

52.0185, 0.2757, 0.2506



Deuteranomaly

52.1992, 0.2897, 0.2617



Tritanomaly

52.4592, 0.3408, 0.2890

Monochromacy



Original Color

52.4360, 0.3165, 0.2492



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.8491, 0.3143, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4360, 0.3165, 0.2492 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, 165, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 165, 243)  
}
```

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, 165, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 165, 243) }
```

Border

The CSS property to change the border of an element to Yxy 52.4360, 0.3165, 0.2492 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, 165, 243) }
```

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

```
.border{ border-color:rgb(243, 165, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 165, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 165, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 165, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 165,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4360, 0.3165, 0.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 165, 243) }
```

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

```
.background{ background-color: rgb(243,  
165, 243) }
```

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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