

Converting Colors

$Y_{xy}(54.8805, 0.3188, 0.2524)$

Have a look what the booklet for
Yxy(54.8805, 0.3188, 0.2524)
contains.

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Color

Yxy(54.9250, 0.3188, 0.2524)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8A9F5 |
| RGB | 248, 169, 245 |
| RGB Percent | 97%, 66%, 96% |
| CMY | 0.0275, 0.3372, 0.0393 |
| CMYK | 0.00, 0.32, 0.01, 0.03 |
| HSL | 302°, 85%, 82% |
| HSV | 302°, 32%, 97% |
| XYZ | 69.3744, 54.9250, 93.3116 |
| YIQ | 201.2850, 22.6880, 40.3840 |

Conversions

Conversions Part 2

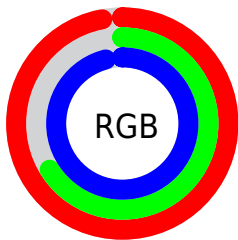
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 248, 169, 245 |
| Decimal | 16296437 |
| CIE Lab | 79.00, 40.71, -26.18 |
| CIE LCh | 79, 48.402, 327.254 |
| Yxy | 54.9250, 0.3188, 0.2524 |
| Android (android.graphics.Color) | 4294486517 (0xFFF8A9F5) |
| YUV | 201.2850, 21.5515, 40.9691 |
| Hunter-Lab | 74.1114, 37.3957, -22.7724 |

Details

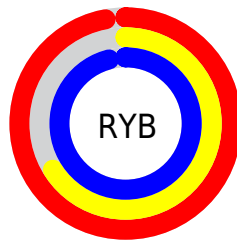
The Yxy color **54.9250, 0.3188, 0.2524** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.5442, 0.3067, 0.4198**, and the grayscale version is **58.4492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **26.8827, 0.3183, 0.2341** is the 20% darker color. If you saturate the color by 10%, you get **46.5003, 0.3209, 0.2294**, and if you desaturate by 10%, it is **65.1047, 0.3168, 0.2765**.

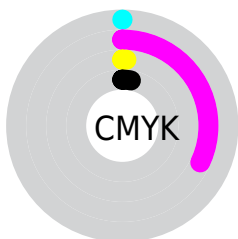
Distribution



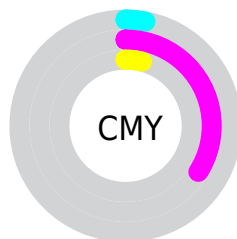
- Red (97%)
- Green (66%)
- Blue (96%)



- Red (97%)
- Yellow (66%)
- Blue (96%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9250, 0.3188, 0.2524 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 54.9250, 0.3188, 0.2524 by changing the saturation by 10% instead.


 54.9250, 0.3188,
0.2524

 54.9250, 0.3188,
0.2524


405.6276, 0.3168,
0.2871

 39.3417, 0.3190,
0.2447

 97.4311, 0.3183,
0.2643

 27.0256, 0.3192,
0.2353


125.1226, 0.3180,
0.2689

 17.5925, 0.3193,
0.2236


157.6190, 0.3178,
0.2730

 10.6578, 0.3191,
0.2087

195.3046, 0.3176,
0.2765

 5.8372, 0.3183,
0.1891

238.5639, 0.3174,
0.2796

 2.7464, 0.3161,
0.1624

287.7812, 0.3172,

 1.0008, 0.3104,

0.2824

0.1249

343.3410, 0.3170,
0.2849

■ 0.0000, 0.3167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9250, 0.3188,
0.2524

■ 54.9250, 0.3188,
0.2524

■ 46.5003, 0.3209,
0.2294

■ 65.1047, 0.3168,
0.2765

■ 39.7240, 0.3230,
0.2085


■ 77.1234, 0.3148,
0.3009


■ 34.4895, 0.3250,
0.1906

■ 91.0686, 0.3130,
0.3247

■ 30.6747, 0.3268,
0.1765


■ 98.2989, 0.3120,
0.3350

 28.1387, 0.3285,
0.1668

 98.3580, 0.3114,
0.3341


 26.7124, 0.3299,
0.1614

 98.4175, 0.3109,
0.3332

 26.1586, 0.3309,
0.1596

 98.4772, 0.3103,
0.3323

 98.5372, 0.3098,
0.3314

 98.5975, 0.3093,
0.3304

Harmonies

Analogous

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



54.9250, 0.2586, 0.2323



54.9250, 0.3188, 0.2524



54.9250, 0.3835, 0.2887

Triad

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



54.9250, 0.3188, 0.2524



54.9250, 0.4117, 0.4259



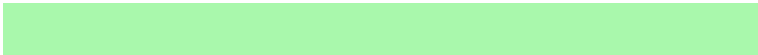
54.9250, 0.2080, 0.3054

Complementary

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



54.9250, 0.3188, 0.2524



78.5442, 0.3067, 0.4198

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.



54.9250, 0.2419, 0.3710



54.9250, 0.3188, 0.2524



54.9250, 0.3590, 0.4463

Square

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



54.9250, 0.3188, 0.2524



54.9250, 0.4391, 0.3836



54.9250, 0.2967, 0.4274



54.9250, 0.1999, 0.2565

Rectangle

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



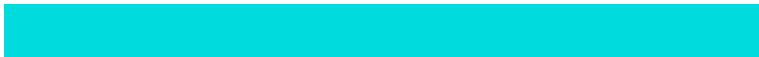
54.9250, 0.3188, 0.2524



54.9250, 0.4176, 0.3188



54.9250, 0.2967, 0.4274



54.9250, 0.2165, 0.3263

Sweetspot

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



54.9274, 0.3188, 0.2524



84.7332, 0.3145, 0.3053



43.8895, 0.2575, 0.2351



17.7132, 0.3147, 0.3019



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.



54.9274, 0.3188, 0.2524



52.7321, 0.3201, 0.2379



52.7862, 0.3519, 0.2901



17.5125, 0.3144, 0.3065



14.1373, 0.3307, 0.1595



1.3128, 0.3294, 0.1588

Inverse Universe

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



54.9274, 0.3188, 0.2524



52.7321, 0.3201, 0.2379



80.2745, 0.2858, 0.3717



17.5125, 0.3144, 0.3065



14.1373, 0.3307, 0.1595



1.3128, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 54.9250, 0.3188, 0.2524 looks on a white background.

Color Contrast Check

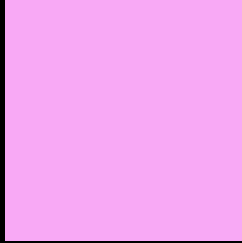
Large Text (above 18pt) WCAG AA × Fail

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 54.9250, 0.3188, 0.2524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

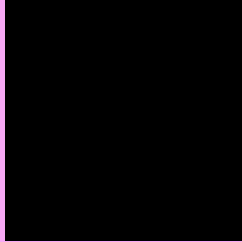
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9250, 0.3188, 0.2524

Background



This preview shows how black text looks on a background with the Yxy color 54.9250, 0.3188, 0.2524.

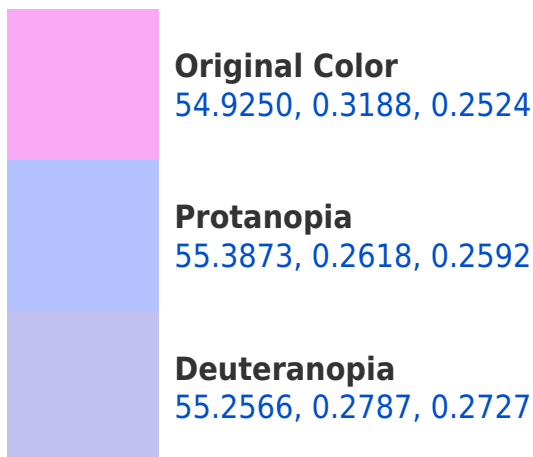


This preview shows how white text looks on a background with the Yxy color 54.9250, 0.3188, 0.2524.

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





Tritanopia

54.7912, 0.3553, 0.3139

Trichromacy



Original Color

54.9250, 0.3188, 0.2524



Protanomaly

54.5003, 0.2804, 0.2561



Deuteranomaly

54.6888, 0.2923, 0.2650



Tritanomaly

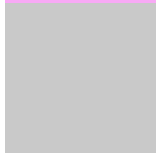
54.6465, 0.3421, 0.2897

Monochromacy



Original Color

54.9250, 0.3188, 0.2524



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.3104, 0.3150, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9250, 0.3188, 0.2524 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(248, 169, 245)` looks like.

```
.text, #text, p{  
    color:rgb(248, 169, 245)  
}
```

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(248, 169, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 169, 245) }
```

Border

The CSS property to change the border of an element to Yxy 54.9250, 0.3188, 0.2524 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(248, 169, 245) }
```

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

```
.border{ border-color:rgb(248, 169, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 169, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 169, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 169, 245);  
box-shadow:4px 4px 4px 4px rgb(248, 169,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9250, 0.3188, 0.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 169, 245) }
```

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

```
.background{ background-color: rgb(248,  
169, 245) }
```

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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