

Converting Colors

$Y_{xy}(54.7150, 0.3185, 0.2513)$

Have a look what the booklet for
Yxy(54.7150, 0.3185, 0.2513)
contains.

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Color

Yxy(54.5543, 0.3188, 0.2514)

Conversions

Conversions Part 1

Format	Color
Hex	F8A8F5
RGB	248, 168, 245
RGB Percent	97%, 66%, 96%
CMY	0.0277, 0.3410, 0.0392
CMYK	0.00, 0.32, 0.01, 0.03
HSL	302°, 85%, 82%
HSV	302°, 32%, 97%
XYZ	69.1802, 54.5543, 93.2675
YIQ	200.6980, 22.9630, 40.9070

Conversions

Conversions Part 2

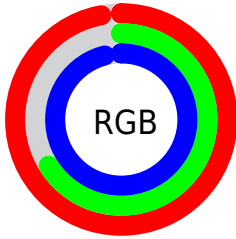
Format	Color
RYB	248, 168, 245
Decimal	16296181
CIELab	78.78, 41.21, -26.52
CIElCh	79, 49.009, 327.238
Yxy	54.5543, 0.3188, 0.2514
Android (android.graphics.Color)	4294486261 (0xFFF8A8F5)
YUV	200.6980, 21.8409, 41.4839
Hunter-Lab	73.8609, 37.9317, -23.1655

Details

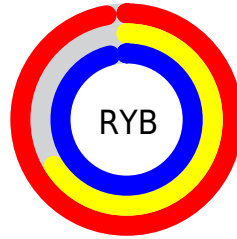
The Yxy color **54.5543, 0.3188, 0.2514** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.3692, 0.3066, 0.4212**, and the grayscale version is **58.0651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **26.6559, 0.3183, 0.2329** is the 20% darker color. If you saturate the color by 10%, you get **46.2001, 0.3209, 0.2284**, and if you desaturate by 10%, it is **64.6590, 0.3168, 0.2755**.

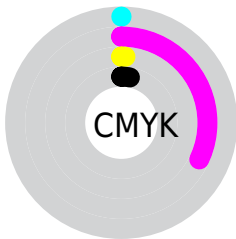
Distribution



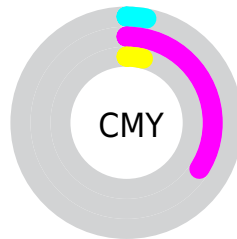
- Red (97%)
- Green (66%)
- Blue (96%)



- 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 54.5543, 0.3188, 0.2514 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 54.5543, 0.3188, 0.2514 by changing the saturation by 10% instead.

 54.5543, 0.3188,
0.2514


 54.5543, 0.3188,
0.2514


404.2202, 0.3169,
0.2866

 39.0450, 0.3190,
0.2436


 96.8876, 0.3183,
0.2634

 26.7947, 0.3192,
0.2341


 124.4804, 0.3181,
0.2681

 17.4191, 0.3192,
0.2222


156.8699, 0.3178,
0.2722

 10.5338, 0.3190,
0.2071

194.4403, 0.3176,
0.2758

 5.7543, 0.3181,
0.1873

237.5762, 0.3174,
0.2790

 2.6962, 0.3158,
0.1604

286.6619, 0.3172,

 0.9753, 0.3098,

0.2818

342.0817, 0.3170,
0.2843

0.1225

0.0000, 0.3145,
0.0000

0.0000, 0.0000,
0.0000

54.5543, 0.3188,
0.2514

54.5543, 0.3188,
0.2514

46.2001, 0.3209,
0.2284

64.6590, 0.3168,
0.2755

39.4896, 0.3229,
0.2076


76.5987, 0.3149,
0.2999


34.3159, 0.3249,
0.1898

90.4608, 0.3131,
0.3238

30.5562, 0.3267,
0.1759


98.2845, 0.3120,
0.3351

 28.0690, 0.3283,
0.1664


 98.3416, 0.3115,
0.3342

 26.6835, 0.3296,
0.1611

 98.3990, 0.3109,
0.3334

 26.1666, 0.3305,
0.1594

 98.4567, 0.3104,
0.3325

 98.5146, 0.3099,
0.3316

 98.5729, 0.3094,
0.3307

Harmonies

Analogous

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



54.5543, 0.2578, 0.2310



54.5543, 0.3188, 0.2514



54.5543, 0.3845, 0.2881

Triad

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



54.5543, 0.3188, 0.2514



54.5543, 0.4130, 0.4271



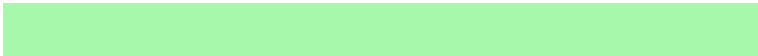
54.5543, 0.2066, 0.3050

Complementary

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



54.5543, 0.3188, 0.2514



78.3692, 0.3066, 0.4212

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.



54.5543, 0.2409, 0.3717



54.5543, 0.3188, 0.2514



54.5543, 0.3595, 0.4481

Square

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



54.5543, 0.3188, 0.2514



54.5543, 0.4409, 0.3841



54.5543, 0.2964, 0.4290



54.5543, 0.1985, 0.2554

Rectangle

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



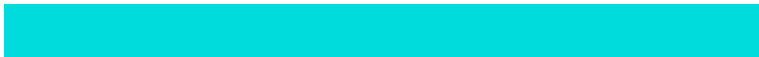
54.5543, 0.3188, 0.2514



54.5543, 0.4192, 0.3185



54.5543, 0.2964, 0.4290



54.5543, 0.2152, 0.3262

Sweetspot

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



54.5567, 0.3188, 0.2514



84.7353, 0.3145, 0.3052



43.4158, 0.2567, 0.2338



17.7137, 0.3147, 0.3018



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.



54.5567, 0.3188, 0.2514



51.8722, 0.3202, 0.2355



52.3878, 0.3525, 0.2897



17.5129, 0.3144, 0.3065



14.1471, 0.3304, 0.1594



1.3136, 0.3291, 0.1587

Inverse Universe

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



54.5567, 0.3188, 0.2514



51.8722, 0.3202, 0.2355



80.1154, 0.2855, 0.3723



17.5129, 0.3144, 0.3065



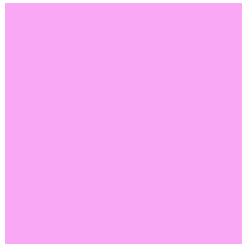
14.1471, 0.3304, 0.1594



1.3136, 0.3291, 0.1587

Previews

White Background



This preview shows how the Yxy color 54.5543, 0.3188, 0.2514 looks on a white background.

Color Contrast Check

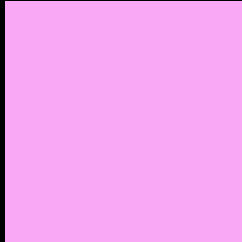
Large Text (above 18pt) WCAG AA × Fail

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 54.5543, 0.3188, 0.2514 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 54.5543, 0.3188, 0.2514

Background



This preview shows how black text looks on a background with the Yxy color 54.5543, 0.3188, 0.2514.



This preview shows how white text looks on a background with the Yxy color 54.5543, 0.3188, 0.2514.

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

54.5543, 0.3188, 0.2514

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.6888, 0.2779, 0.2714



Tritanopia

54.3473, 0.3564, 0.3138

Trichromacy



Original Color

54.5543, 0.3188, 0.2514



Protanomaly

53.9425, 0.2796, 0.2548



Deuteranomaly

54.2748, 0.2922, 0.2639



Tritanomaly

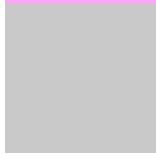
54.2083, 0.3431, 0.2897

Monochromacy



Original Color

54.5543, 0.3188, 0.2514



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 54.5543, 0.3188, 0.2514 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, 168, 245)` looks like.

```
.text, #text, p{  
    color:rgb(248, 168, 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, 168, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 168, 245) }
```

Border

The CSS property to change the border of an element to Yxy 54.5543, 0.3188, 0.2514 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, 168, 245) }
```

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

```
.border{ border-color:rgb(248, 168, 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, 168, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 168, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 168, 245);  
box-shadow:4px 4px 4px 4px rgb(248, 168,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5543, 0.3188, 0.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 168, 245) }
```

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

```
.background{ background-color: rgb(248,  
168, 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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