

Converting Colors

Yxy(54.0641, 0.3186, 0.2508)

Have a look what the booklet for
Yxy(54.0641, 0.3186, 0.2508)
contains.

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Color

Yxy(54.0042, 0.3181, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	F7A7F5
RGB	247, 167, 245
RGB Percent	97%, 65%, 96%
CMY	0.0313, 0.3451, 0.0393
CMYK	0.00, 0.32, 0.01, 0.03
HSL	302°, 83%, 81%
HSV	302°, 32%, 97%
XYZ	68.6600, 54.0042, 93.1799
YIQ	199.8120, 22.6420, 41.2180

Conversions

Conversions Part 2

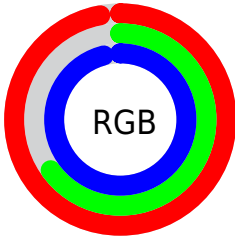
Format	Color
RYB	247, 167, 245
Decimal	16230389
CIELab	78.46, 41.46, -27.01
CIELCh	78, 49.484, 326.914
Yxy	54.0042, 0.3181, 0.2502
Android (android.graphics.Color)	4294420469 (0xFFF7A7F5)
YUV	199.8120, 22.2777, 41.3839
Hunter-Lab	73.4875, 38.1708, -23.7366

Details

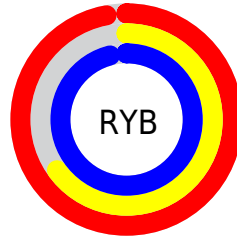
The Yxy color **54.0042, 0.3181, 0.2502** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.6127, 0.3071, 0.4229**, and the grayscale version is **57.4889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.3032, 0.3173, 0.2313** is the 20% darker color. If you saturate the color by 10%, you get **45.7658, 0.3199, 0.2271**, and if you desaturate by 10%, it is **63.9759, 0.3164, 0.2745**.

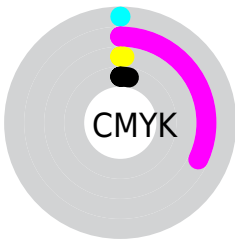
Distribution



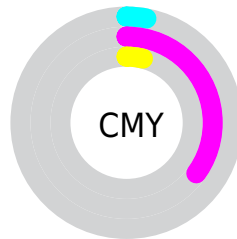
- Red (97%)
- Green (65%)
- Blue (96%)



- Red (97%)
- Yellow (65%)
- Blue (96%)



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





- Cyan (3%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0042, 0.3181, 0.2502 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 54.0042, 0.3181, 0.2502 by changing the saturation by 10% instead.


 54.0042, 0.3181,
0.2502

 54.0042, 0.3181,
0.2502


402.1260, 0.3165,
0.2859

 38.6050, 0.3182,
0.2423

 96.0804, 0.3177,
0.2624

 26.4526, 0.3183,
0.2326


 123.5262, 0.3175,
0.2672

 17.1625, 0.3182,
0.2206


155.7564, 0.3173,
0.2714

 10.3504, 0.3177,
0.2052

193.1553, 0.3172,
0.2750

 5.6319, 0.3165,
0.1851

236.1073, 0.3170,
0.2782

 2.6226, 0.3137,
0.1577

284.9968, 0.3168,

 0.9380, 0.3068,

0.2811

0.1194

340.2083, 0.3167,
0.2836

0.0000, 0.3083,
0.0000

0.0000, 0.0000,
0.0000

54.0042, 0.3181,
0.2502

54.0042, 0.3181,
0.2502

45.7658, 0.3199,
0.2271

63.9759, 0.3164,
0.2745

39.1549, 0.3216,
0.2061

75.7647, 0.3147,
0.2992

34.0651, 0.3232,
0.1883

89.4574, 0.3131,
0.3233

30.3746, 0.3246,
0.1744

98.0430, 0.3121,
0.3363

■ 27.9429, 0.3258,
0.1648

■ 98.0818, 0.3117,
0.3357

■ 26.6003, 0.3268,
0.1595

■ 98.1208, 0.3114,
0.3351

■ 26.1131, 0.3275,
0.1578

■ 98.1599, 0.3110,
0.3344

■ 98.1991, 0.3106,
0.3338

■ 98.2385, 0.3103,
0.3332

Harmonies

Analogous

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



54.0042, 0.2565, 0.2298



54.0042, 0.3181, 0.2502



54.0042, 0.3847, 0.2871

Triad

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



54.0042, 0.3181, 0.2502



54.0042, 0.4147, 0.4278



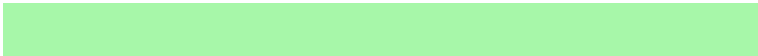
54.0042, 0.2056, 0.3052

Complementary

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



54.0042, 0.3181, 0.2502



77.6127, 0.3071, 0.4229

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.



54.0042, 0.2405, 0.3730



54.0042, 0.3181, 0.2502



54.0042, 0.3606, 0.4496

Square

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



54.0042, 0.3181, 0.2502



54.0042, 0.4427, 0.3841



54.0042, 0.2968, 0.4309



54.0042, 0.1972, 0.2549

Rectangle

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



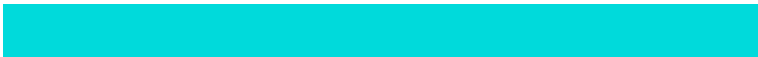
54.0042, 0.3181, 0.2502



54.0042, 0.4201, 0.3178



54.0042, 0.2968, 0.4309



54.0042, 0.2144, 0.3268

Sweetspot

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



54.0066, 0.3181, 0.2502



84.7541, 0.3143, 0.3050



42.7157, 0.2554, 0.2330



17.7183, 0.3145, 0.3015



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.



54.0066, 0.3181, 0.2502



51.9448, 0.3193, 0.2346



51.8553, 0.3516, 0.2881



16.7606, 0.3142, 0.3063



13.8117, 0.3273, 0.1577



1.2162, 0.3265, 0.1572

Inverse Universe

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



54.0066, 0.3181, 0.2502



51.9448, 0.3193, 0.2346



79.3179, 0.2860, 0.3742



16.7606, 0.3142, 0.3063



13.8117, 0.3273, 0.1577



1.2162, 0.3265, 0.1572

Previews

White Background



This preview shows how the Yxy color 54.0042, 0.3181, 0.2502 looks on a white background.

Color Contrast Check

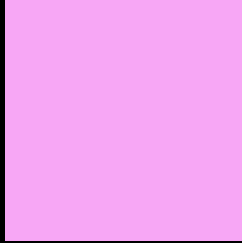
Large Text (above 18pt) WCAG AA × Fail

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 54.0042, 0.3181, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

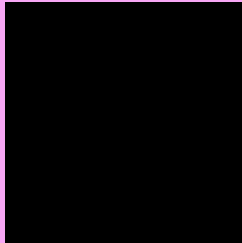
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0042, 0.3181, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 54.0042, 0.3181, 0.2502.

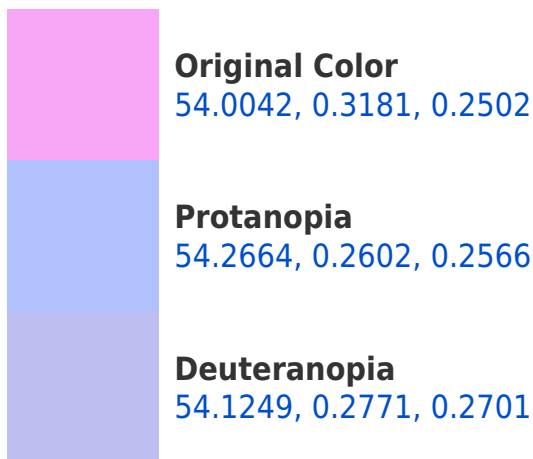


This preview shows how white text looks on a background with the Yxy color 54.0042, 0.3181, 0.2502.

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

54.1276, 0.3564, 0.3149

Trichromacy



Original Color

54.0042, 0.3181, 0.2502



Protanomaly

53.3886, 0.2788, 0.2535



Deuteranomaly

53.7156, 0.2914, 0.2626



Tritanomaly

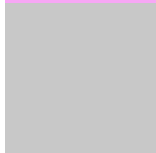
54.0299, 0.3423, 0.2896

Monochromacy



Original Color

54.0042, 0.3181, 0.2502



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.6760, 0.3150, 0.2973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0042, 0.3181, 0.2502 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(247, 167, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 167, 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(247, 167, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 167, 245) }
```

Border

The CSS property to change the border of an element to Yxy 54.0042, 0.3181, 0.2502 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(247, 167, 245) }
```

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

```
.border{ border-color:rgb(247, 167, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 167, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 167, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 167, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 167,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0042, 0.3181, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 167, 245) }
```

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

```
.background{ background-color: rgb(247,  
167, 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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