

Converting Colors

Yxy(82.2181, 0.4096, 0.2698)

Have a look what the booklet for
Yxy(82.2181, 0.4096, 0.2698)
contains.

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Color

Yxy(54.5882, 0.3224, 0.2463)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4F8
RGB	255, 164, 248
RGB Percent	100%, 64%, 97%
CMY	0.0001, 0.3568, 0.0274
CMYK	0.00, 0.36, 0.03, 0.00
HSL	305°, 100%, 82%
HSV	305°, 36%, 100%
XYZ	71.4545, 54.5882, 95.5903
YIQ	200.7850, 27.2720, 45.4160

Conversions

Conversions Part 2

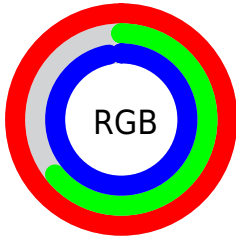
Format	Color
RYB	255, 164, 248
Decimal	16753912
CIELab	78.80, 46.00, -28.05
CIElCh	79, 53.881, 328.627
Yxy	54.5882, 0.3224, 0.2463
Android (android.graphics.Color)	4294943992 (0xFFFFA4F8)
YUV	200.7850, 23.2770, 47.5466
Hunter-Lab	73.8838, 43.3341, -24.9902

Details

The Yxy color **54.5882, 0.3224, 0.2463** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.3400, 0.3041, 0.4287**, and the grayscale version is **58.1112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **26.7838, 0.3242, 0.2284** is the 20% darker color. If you saturate the color by 10%, you get **46.2395, 0.3256, 0.2246**, and if you desaturate by 10%, it is **64.7724, 0.3194, 0.2694**.

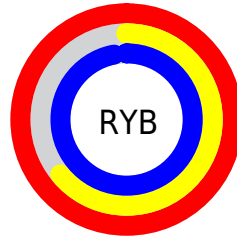
Distribution



Red (100%)

Green (64%)

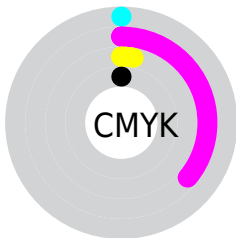
Blue (97%)



Red (100%)

Yellow (64%)

Blue (97%)

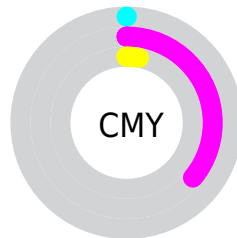


Cyan (0%)

Magenta (36%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5882, 0.3224, 0.2463 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 54.5882, 0.3224, 0.2463 by changing the saturation by 10% instead.


 54.5882, 0.3224,
0.2463


 54.5882, 0.3224,
0.2463


404.3490, 0.3189,
0.2835

 39.0721, 0.3230,
0.2381


 96.9373, 0.3214,
0.2590

 26.8158, 0.3235,
0.2281


 124.5392, 0.3209,
0.2640

 17.4350, 0.3241,
0.2158


156.9384, 0.3205,
0.2683

 10.5451, 0.3245,
0.2002

194.5194, 0.3201,
0.2721

 5.7618, 0.3244,
0.1798

237.6666, 0.3198,
0.2755

 2.7008, 0.3232,
0.1524

286.7643, 0.3195,

 0.9776, 0.3187,

0.2784

0.1146

342.1970, 0.3192,
0.2811

0.0000, 0.3248,
0.0000

0.0000, 0.0000,
0.0000

54.5882, 0.3224,
0.2463

54.5882, 0.3224,
0.2463

46.2395, 0.3256,
0.2246

64.7724, 0.3194,
0.2694

39.6091, 0.3288,
0.2052

76.8855, 0.3166,
0.2929

34.5777, 0.3320,
0.1890

91.0236, 0.3140,
0.3162

31.0076, 0.3351,
0.1770

99.9960, 0.3127,
0.3290

■ 28.7381, 0.3379,
0.1693

■ 27.5700, 0.3405,
0.1660

■ 27.2810, 0.3415,
0.1655

Harmonies

Analogous

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



54.5882, 0.2552, 0.2234



54.5882, 0.3224, 0.2463



54.5882, 0.3945, 0.2863

Triad

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



54.5882, 0.3224, 0.2463



54.5882, 0.4194, 0.4371



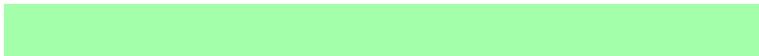
54.5882, 0.1963, 0.2987

Complementary

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



54.5882, 0.3224, 0.2463



82.3400, 0.3041, 0.4287

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.



54.5882, 0.2316, 0.3724



54.5882, 0.3224, 0.2463



54.5882, 0.3598, 0.4604

Square

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



54.5882, 0.3224, 0.2463



54.5882, 0.4524, 0.3900



54.5882, 0.2909, 0.4380



54.5882, 0.1892, 0.2464

Rectangle

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



54.5882, 0.3224, 0.2463



54.5882, 0.4319, 0.3192



54.5882, 0.2909, 0.4380



54.5882, 0.2050, 0.3218

Sweetspot

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



54.5906, 0.3224, 0.2463



83.2533, 0.3154, 0.3039



42.3298, 0.2516, 0.2222



17.4154, 0.3157, 0.3007



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.



54.5906, 0.3224, 0.2463



48.3091, 0.3247, 0.2302



52.1447, 0.3612, 0.2883



18.2750, 0.3150, 0.3073



14.2677, 0.3412, 0.1653



1.3961, 0.3386, 0.1639

Inverse Universe

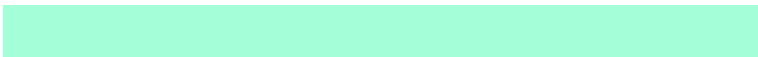
The Inverse Universe completely reimagines the original color for something new.



54.5906, 0.3224, 0.2463



48.3091, 0.3247, 0.2302



84.3358, 0.2814, 0.3743



18.2750, 0.3150, 0.3073



14.2677, 0.3412, 0.1653



1.3961, 0.3386, 0.1639

Previews

White Background



This preview shows how the Yxy color 54.5882, 0.3224, 0.2463 looks on a white background.

Color Contrast Check

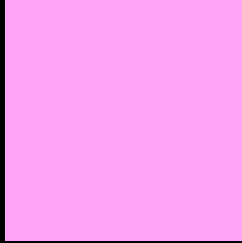
Large Text (above 18pt) WCAG AA × Fail

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 54.5882, 0.3224, 0.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

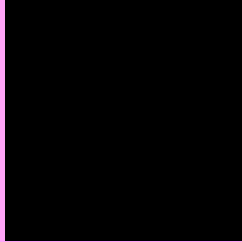
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5882, 0.3224, 0.2463

Background



This preview shows how black text looks on a background with the Yxy color 54.5882, 0.3224, 0.2463.

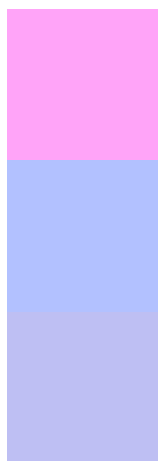


This preview shows how white text looks on a background with the Yxy color 54.5882, 0.3224, 0.2463.

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

54.5882, 0.3224, 0.2463

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.6798, 0.2759, 0.2692



Tritanopia

54.4989, 0.3648, 0.3152

Trichromacy



Original Color

54.5882, 0.3224, 0.2463



Protanomaly

53.6060, 0.2810, 0.2521



Deuteranomaly

53.9365, 0.2916, 0.2590



Tritanomaly

54.4822, 0.3495, 0.2893

Monochromacy



Original Color

54.5882, 0.3224, 0.2463



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.4005, 0.3167, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5882, 0.3224, 0.2463 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(255, 164, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 248)  
}
```

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(255, 164, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 248) }
```

Border

The CSS property to change the border of an element to Yxy 54.5882, 0.3224, 0.2463 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(255, 164, 248) }
```

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

```
.border{ border-color:rgb(255, 164, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5882, 0.3224, 0.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 248) }
```

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

```
.background{ background-color: rgb(255,  
164, 248) }
```

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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