

Converting Colors

$Y_{xy}(54.6289, 0.3069, 0.2454)$

Have a look what the booklet for
Yxy(54.6289, 0.3069, 0.2454)
contains.

Yxy(54.5421, 0.3069, 0.2448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.5421, 0.3069, 0.2448)

Conversions

Conversions Part 1

Format	Color
Hex	F1AAFD
RGB	241, 170, 253
RGB Percent	95%, 67%, 99%
CMY	0.0550, 0.3333, 0.0077
CMYK	0.05, 0.33, 0.00, 0.01
HSL	291°, 95%, 83%
HSV	291°, 33%, 99%
XYZ	68.3781, 54.5421, 99.8824
YIQ	200.6910, 15.6730, 40.8650

Conversions

Conversions Part 2

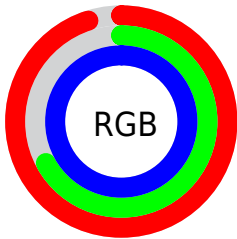
Format	Color
R _Y B	241, 170, 253
Decimal	15837949
CIE Lab	78.78, 39.50, -30.92
CIE LCh	79, 50.162, 321.944
Yxy	54.5421, 0.3069, 0.2448
Android (android.graphics.Color)	4294028029 (0xFFF1AAFD)
YUV	200.6910, 25.7883, 35.3510
Hunter-Lab	73.8526, 36.0262, -28.4903

Details

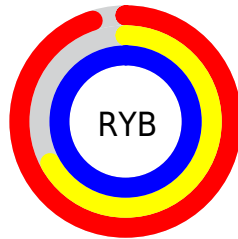
The Yxy color **54.5421, 0.3069, 0.2448** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.1305, 0.3154, 0.4249**, and the grayscale version is **58.0393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **26.8984, 0.3046, 0.2270** is the 20% darker color. If you saturate the color by 10%, you get **45.3120, 0.3042, 0.2194**, and if you desaturate by 10%, it is **65.6156, 0.3091, 0.2710**.

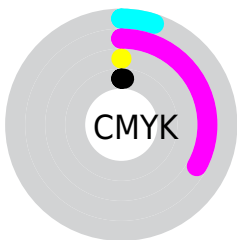
Distribution



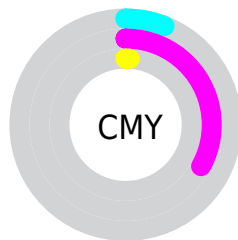
- Red (95%)
- Green (67%)
- Blue (99%)



- Red (95%)
- Yellow (67%)
- Blue (99%)



- Cyan (5%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)





- Cyan (6%)
- Magenta (33%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5421, 0.3069, 0.2448 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 54.5421, 0.3069, 0.2448 by changing the saturation by 10% instead.


 54.5421, 0.3069,
0.2448

 54.5421, 0.3069,
0.2448

404.1738, 0.3107,
0.2828

 39.0352, 0.3058,
0.2364


 96.8697, 0.3085,
0.2577

 26.7871, 0.3042,
0.2263


124.4593, 0.3090,
0.2628

 17.4134, 0.3020,
0.2137


156.8452, 0.3094,
0.2673

 10.5297, 0.2989,
0.1977

194.4119, 0.3098,
0.2711

 5.7515, 0.2939,
0.1769

237.5437, 0.3101,
0.2745

 2.6946, 0.2858,
0.1491

286.6250, 0.3103,

 0.9745, 0.2708,

0.2776

0.1109

342.0403, 0.3106,
0.2803

0.0000, 0.2549,
0.0000

0.0000, 0.0000,
0.0000

54.5421, 0.3069,
0.2448

54.5421, 0.3069,
0.2448

45.3120, 0.3042,
0.2194

65.6156, 0.3091,
0.2710

37.8132, 0.3012,
0.1957

78.6223, 0.3109,
0.2970

31.9320, 0.2978,
0.1749

93.6546, 0.3124,
0.3221

27.5384, 0.2941,
0.1579

99.8742, 0.3138,
0.3309

■ 24.4822, 0.2903,
0.1453

■ 22.5810, 0.2865,
0.1372

■ 21.7358, 0.2838,
0.1337

Harmonies

Analogous

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



54.5421, 0.2473, 0.2275



54.5421, 0.3069, 0.2448



54.5421, 0.3749, 0.2796

Triad

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



54.5421, 0.3069, 0.2448



54.5421, 0.4225, 0.4224



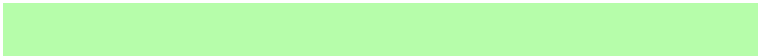
54.5421, 0.2086, 0.3155

Complementary

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



54.5421, 0.3069, 0.2448



83.1305, 0.3154, 0.4249

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.



54.5421, 0.2479, 0.3848



54.5421, 0.3069, 0.2448



54.5421, 0.3712, 0.4496

Square

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



54.5421, 0.3069, 0.2448



54.5421, 0.4451, 0.3763



54.5421, 0.3072, 0.4384



54.5421, 0.1957, 0.2607

Rectangle

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



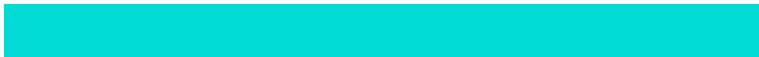
54.5421, 0.3069, 0.2448



54.5421, 0.4136, 0.3096



54.5421, 0.3072, 0.4384



54.5421, 0.2189, 0.3382

Sweetspot

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



54.5445, 0.3069, 0.2448



84.0999, 0.3114, 0.3042



49.2882, 0.2554, 0.2462



17.5588, 0.3112, 0.3006



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.



54.5445, 0.3069, 0.2448



49.4685, 0.3053, 0.2289



55.0239, 0.3402, 0.2739



18.1588, 0.3115, 0.3054



11.6087, 0.2844, 0.1340



1.1652, 0.2888, 0.1364

Inverse Universe

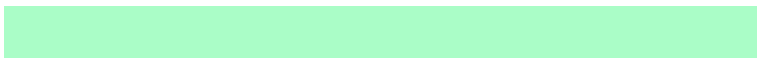
The Inverse Universe completely reimagines the original color for something new.



53.0236, 0.3781, 0.3164



47.7883, 0.3963, 0.3140



82.9481, 0.2929, 0.3916



18.0301, 0.3271, 0.3256



11.1916, 0.6208, 0.3193



1.1019, 0.5942, 0.3047

Previews

White Background



This preview shows how the Yxy color 54.5421, 0.3069, 0.2448 looks on a white background.

Color Contrast Check

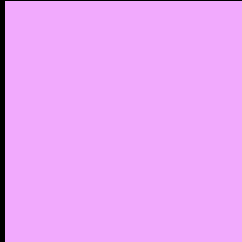
Large Text (above 18pt) WCAG AA × Fail

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 54.5421, 0.3069, 0.2448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

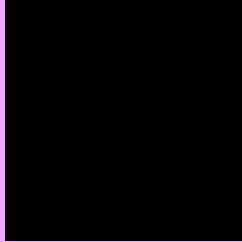
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5421, 0.3069, 0.2448

Background



This preview shows how black text looks on a background with the Yxy color 54.5421, 0.3069, 0.2448.



This preview shows how white text looks on a background with the Yxy color 54.5421, 0.3069, 0.2448.

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

54.5421, 0.3069, 0.2448

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.9779, 0.2696, 0.2637



Tritanopia

54.3115, 0.3462, 0.3135

Trichromacy



Original Color

54.5421, 0.3069, 0.2448



Protanomaly

54.2712, 0.2763, 0.2528



Deuteranomaly

54.3049, 0.2824, 0.2562



Tritanomaly

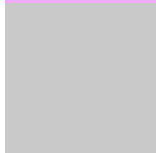
54.2350, 0.3317, 0.2868

Monochromacy



Original Color

54.5421, 0.3069, 0.2448



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.5931, 0.3111, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5421, 0.3069, 0.2448 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(241, 170, 253)` looks like.

```
.text, #text, p{  
    color:rgb(241, 170, 253)  
}
```

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(241, 170, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 170, 253) }
```

Border

The CSS property to change the border of an element to Yxy 54.5421, 0.3069, 0.2448 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(241, 170, 253) }
```

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

```
.border{ border-color:rgb(241, 170, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 170, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 170, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 170, 253);  
box-shadow:4px 4px 4px 4px rgb(241, 170,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5421, 0.3069, 0.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 170, 253) }
```

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

```
.background{ background-color: rgb(241,  
170, 253) }
```

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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