

Converting Colors

$Y_{xy}(52.1555, 0.3214, 0.2524)$

Have a look what the booklet for
Yxy(52.1555, 0.3214, 0.2524)
contains.

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Color

Yxy(52.1954, 0.3214, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	F5A4EF
RGB	245, 164, 239
RGB Percent	96%, 64%, 94%
CMY	0.0392, 0.3569, 0.0627
CMYK	0.00, 0.33, 0.02, 0.04
HSL	304°, 80%, 80%
HSV	304°, 33%, 96%
XYZ	66.5171, 52.1954, 88.2479
YIQ	196.7690, 24.2010, 40.4970

Conversions

Conversions Part 2

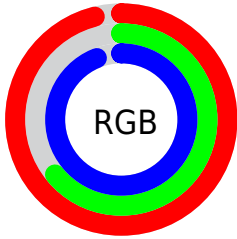
Format	Color
R _Y B	245, 164, 239
Decimal	16098543
CIE Lab	77.40, 41.34, -25.44
CIE LCh	77, 48.542, 328.392
Yxy	52.1954, 0.3214, 0.2522
Android (android.graphics.Color)	4294288623 (0xFFFF5A4EF)
YUV	196.7690, 20.8199, 42.2986
Hunter-Lab	72.2464, 37.9133, -21.8494

Details

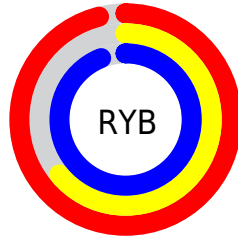
The Yxy color **52.1954, 0.3214, 0.2522** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **76.1059, 0.3049, 0.4202**, and the grayscale version is **55.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **25.4791, 0.3228, 0.2352** is the 20% darker color. If you saturate the color by 10%, you get **44.1505, 0.3245, 0.2300**, and if you desaturate by 10%, it is **61.9351, 0.3185, 0.2755**.

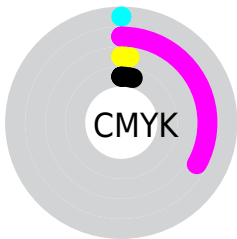
Distribution



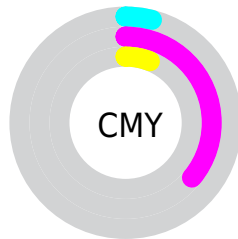
- Red (96%)
- Green (64%)
- Blue (94%)



- Red (96%)
- Yellow (64%)
- Blue (94%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1954, 0.3214, 0.2522 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 52.1954, 0.3214, 0.2522 by changing the saturation by 10% instead.


 52.1954, 0.3214,
0.2522

 52.1954, 0.3214,
0.2522


395.1905, 0.3182,
0.2873

 37.1608, 0.3219,
0.2443


 93.4193, 0.3204,
0.2643

 25.3321, 0.3225,
0.2347


 120.3775, 0.3200,
0.2690

 16.3246, 0.3230,
0.2227


152.0791, 0.3196,
0.2731

 9.7542, 0.3234,
0.2073

188.9083, 0.3193,
0.2766

 5.2363, 0.3234,
0.1869

231.2497, 0.3190,
0.2798

 2.3865, 0.3222,
0.1590

279.4876, 0.3187,

 0.8190, 0.3178,

0.2826

0.1190

334.0064, 0.3184,
0.2850

0.0000, 0.3208,
0.0000

0.0000, 0.0000,
0.0000

52.1954, 0.3214,
0.2522

52.1954, 0.3214,
0.2522

44.1505, 0.3245,
0.2300

61.9351, 0.3185,
0.2755

37.6962, 0.3276,
0.2099

73.4523, 0.3158,
0.2990

32.7274, 0.3307,
0.1928

86.8325, 0.3134,
0.3221

29.1238, 0.3338,
0.1795

97.6049, 0.3115,
0.3375

■ 26.7461, 0.3366,
0.1707

■ 97.7168, 0.3105,
0.3357

■ 25.4254, 0.3391,
0.1662

■ 97.8298, 0.3095,
0.3340

■ 24.9553, 0.3408,
0.1651

■ 97.9439, 0.3084,
0.3322

■ 98.0591, 0.3074,
0.3304

■ 98.1546, 0.3066,
0.3290

Harmonies

Analogous

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



52.1954, 0.2596, 0.2310



52.1954, 0.3214, 0.2522



52.1954, 0.3872, 0.2895

Triad

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



52.1954, 0.3214, 0.2522



52.1954, 0.4118, 0.4289



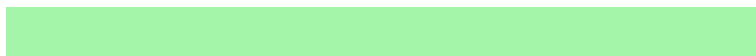
52.1954, 0.2054, 0.3025

Complementary

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



52.1954, 0.3214, 0.2522



76.1059, 0.3049, 0.4202

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.



52.1954, 0.2388, 0.3693



52.1954, 0.3214, 0.2522



52.1954, 0.3573, 0.4488

Square

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



52.1954, 0.3214, 0.2522



52.1954, 0.4411, 0.3862



52.1954, 0.2939, 0.4280



52.1954, 0.1982, 0.2536

Rectangle

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



52.1954, 0.3214, 0.2522



52.1954, 0.4213, 0.3203



52.1954, 0.2939, 0.4280



52.1954, 0.2136, 0.3236

Sweetspot

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



52.1977, 0.3214, 0.2522



84.6749, 0.3151, 0.3061



41.6220, 0.2570, 0.2315



17.6989, 0.3154, 0.3029



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.



52.1977, 0.3214, 0.2522



50.7863, 0.3235, 0.2365



50.0926, 0.3564, 0.2914



16.7459, 0.3149, 0.3074



13.4515, 0.3404, 0.1649



1.1885, 0.3377, 0.1634

Inverse Universe

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



52.1977, 0.3214, 0.2522



50.7863, 0.3235, 0.2365



77.8526, 0.2834, 0.3703



16.7459, 0.3149, 0.3074



13.4515, 0.3404, 0.1649



1.1885, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 52.1954, 0.3214, 0.2522 looks on a white background.

Color Contrast Check

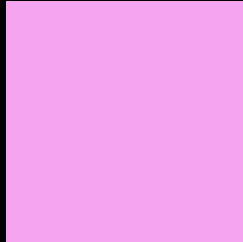
Large Text (above 18pt) WCAG AA × Fail

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 52.1954, 0.3214, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

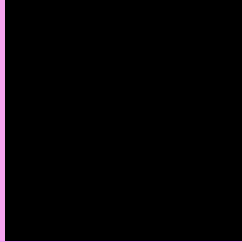
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1954, 0.3214, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 52.1954, 0.3214, 0.2522.



This preview shows how white text looks on a background with the Yxy color 52.1954, 0.3214, 0.2522.

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

52.1954, 0.3214, 0.2522

Protanopia

52.4994, 0.2572, 0.2525

Deuteranopia

52.2302, 0.2793, 0.2726



Tritanopia

52.0371, 0.3591, 0.3147

Trichromacy



Original Color

52.1954, 0.3214, 0.2522



Protanomaly

51.6242, 0.2777, 0.2516



Deuteranomaly

51.8516, 0.2940, 0.2649



Tritanomaly

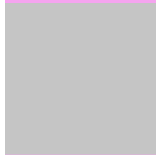
51.9065, 0.3455, 0.2902

Monochromacy



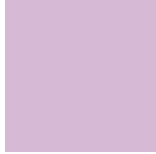
Original Color

52.1954, 0.3214, 0.2522



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.7475, 0.3158, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1954, 0.3214, 0.2522 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(245, 164, 239)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 239)  
}
```

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(245, 164, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 239) }
```

Border

The CSS property to change the border of an element to Yxy 52.1954, 0.3214, 0.2522 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(245, 164, 239) }
```

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

```
.border{ border-color:rgb(245, 164, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 164, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1954, 0.3214, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 239) }
```

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

```
.background{ background-color: rgb(245,  
164, 239) }
```

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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