

Converting Colors

$Y_{xy}(52.0358, 0.3248, 0.2618)$

Have a look what the booklet for
Yxy(52.0358, 0.3248, 0.2618)
contains.

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Color

Yxy(52.1077, 0.3244, 0.2620)

Conversions

Conversions Part 1

Format	Color
Hex	F1A7E7
RGB	241, 167, 231
RGB Percent	95%, 65%, 91%
CMY	0.0549, 0.3451, 0.0941
CMYK	0.00, 0.31, 0.04, 0.05
HSL	308°, 73%, 80%
HSV	308°, 31%, 95%
XYZ	64.5181, 52.1077, 82.2586
YIQ	196.4220, 23.5600, 35.5920

Conversions

Conversions Part 2

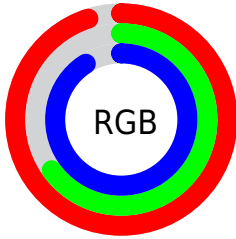
Format	Color
R _Y B	241, 167, 231
Decimal	15837159
CIE Lab	77.35, 37.07, -21.21
CIE LCh	77, 42.715, 330.223
Yxy	52.1077, 0.3244, 0.2620
Android (android.graphics.Color)	4294027239 (0xFFFF1A7E7)
YUV	196.4220, 17.0470, 39.0949
Hunter-Lab	72.1857, 33.2148, -17.0335

Details

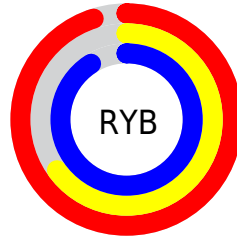
The Yxy color **52.1077, 0.3244, 0.2620** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.3019, 0.3029, 0.4068**, and the grayscale version is **55.3550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **25.3201, 0.3270, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **43.9047, 0.3291, 0.2406**, and if you desaturate by 10%, it is **61.9640, 0.3201, 0.2841**.

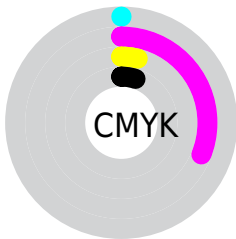
Distribution



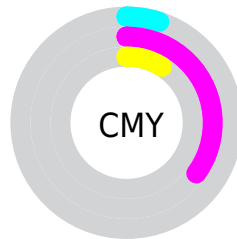
- Red (95%)
- Green (65%)
- Blue (91%)



- Red (95%)
- Yellow (65%)
- Blue (91%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1077, 0.3244, 0.2620 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 52.1077, 0.3244, 0.2620 by changing the saturation by 10% instead.


 52.1077, 0.3244,
0.2620


 52.1077, 0.3244,
0.2620


394.8522, 0.3195,
0.2929

 37.0909, 0.3254,
0.2550


 93.2901, 0.3228,
0.2727

 25.2779, 0.3265,
0.2463


 120.2244, 0.3221,
0.2769

 16.2842, 0.3279,
0.2355


151.9001, 0.3216,
0.2805

 9.7255, 0.3294,
0.2214

188.7015, 0.3211,
0.2836

 5.2173, 0.3312,
0.2024

231.0131, 0.3206,
0.2864

 2.3753, 0.3328,
0.1759

279.2191, 0.3202,

 0.8132, 0.3332,

0.2888

0.1365

333.7040, 0.3198,
0.2910

0.0000, 0.3471,
0.0000

0.0000, 0.0000,
0.0000

52.1077, 0.3244,
0.2620

52.1077, 0.3244,
0.2620

43.9047, 0.3291,
0.2406

61.9640, 0.3201,
0.2841

37.2566, 0.3341,
0.2208

73.5513, 0.3163,
0.3061

32.0651, 0.3393,
0.2037

86.9505, 0.3129,
0.3275

28.2179, 0.3446,
0.1901

96.7544, 0.3103,
0.3398

■ 25.5863, 0.3498,
0.1808

■ 96.9541, 0.3085,
0.3366

■ 24.0166, 0.3547,
0.1761

■ 97.1572, 0.3066,
0.3333

■ 23.2763, 0.3590,
0.1751

■ 97.3639, 0.3048,
0.3301

■ 97.4410, 0.3041,
0.3290

Harmonies

Analogous

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



52.1077, 0.2688, 0.2419



52.1077, 0.3244, 0.2620



52.1077, 0.3815, 0.2966

Triad

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



52.1077, 0.3244, 0.2620



52.1077, 0.3987, 0.4200



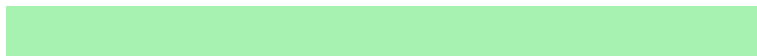
52.1077, 0.2159, 0.3032

Complementary

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



52.1077, 0.3244, 0.2620



74.3019, 0.3029, 0.4068

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.



52.1077, 0.2450, 0.3609



52.1077, 0.3244, 0.2620



52.1077, 0.3498, 0.4339

Square

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



52.1077, 0.3244, 0.2620



52.1077, 0.4256, 0.3838



52.1077, 0.2934, 0.4126



52.1077, 0.2106, 0.2607

Rectangle

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



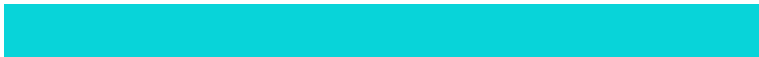
52.1077, 0.3244, 0.2620



52.1077, 0.4104, 0.3247



52.1077, 0.2934, 0.4126



52.1077, 0.2230, 0.3215

Sweetspot

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



52.1100, 0.3244, 0.2620



86.0232, 0.3157, 0.3098



43.3225, 0.2653, 0.2404



17.9632, 0.3162, 0.3066



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.



52.1100, 0.3244, 0.2620



53.0533, 0.3274, 0.2482



50.2417, 0.3568, 0.2995



15.9925, 0.3159, 0.3088



12.6368, 0.3583, 0.1747



1.0613, 0.3526, 0.1716

Inverse Universe

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



52.1100, 0.3244, 0.2620



53.0533, 0.3274, 0.2482



75.9758, 0.2827, 0.3608



15.9925, 0.3159, 0.3088



12.6368, 0.3583, 0.1747



1.0613, 0.3526, 0.1716

Previews

White Background



This preview shows how the Yxy color 52.1077, 0.3244, 0.2620 looks on a white background.

Color Contrast Check

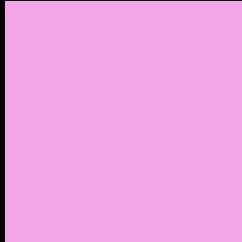
Large Text (above 18pt) WCAG AA × Fail

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 52.1077, 0.3244, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

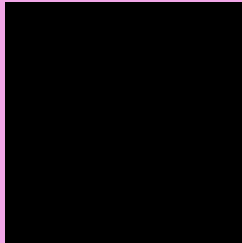
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1077, 0.3244, 0.2620

Background



This preview shows how black text looks on a background with the Yxy color 52.1077, 0.3244, 0.2620.



This preview shows how white text looks on a background with the Yxy color 52.1077, 0.3244, 0.2620.

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

52.1077, 0.3244, 0.2620

Protanopia

52.3407, 0.2637, 0.2610

Deuteranopia

52.2932, 0.2875, 0.2817



Tritanopia

51.9962, 0.3544, 0.3135

Trichromacy



Original Color

52.1077, 0.3244, 0.2620



Protanomaly

51.6780, 0.2838, 0.2608



Deuteranomaly

51.9456, 0.3006, 0.2744



Tritanomaly

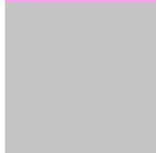
51.8692, 0.3434, 0.2941

Monochromacy



Original Color

52.1077, 0.3244, 0.2620



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.2984, 0.3165, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1077, 0.3244, 0.2620 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, 167, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 231)  
}
```

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, 167, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 231) }
```

Border

The CSS property to change the border of an element to Yxy 52.1077, 0.3244, 0.2620 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, 167, 231) }
```

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

```
.border{ border-color:rgb(241, 167, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 167, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1077, 0.3244, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 231) }
```

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

```
.background{ background-color: rgb(241,  
167, 231) }
```

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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