

Converting Colors

Yxy(61.6230, 0.2366, 0.1648)

Have a look what the booklet for
Yxy(61.6230, 0.2366, 0.1648)
contains.

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Color

Yxy(52.3811, 0.2983, 0.2392)

Conversions

Conversions Part 1

Format	Color
Hex	E8A8FF
RGB	232, 168, 255
RGB Percent	91%, 66%, 100%
CMY	0.0903, 0.3411, 0.0000
CMYK	0.09, 0.34, 0.00, 0.00
HSL	284°, 100%, 83%
HSV	284°, 34%, 100%
XYZ	65.3231, 52.3811, 101.2803
YIQ	197.0540, 10.2170, 40.6250

Conversions

Conversions Part 2

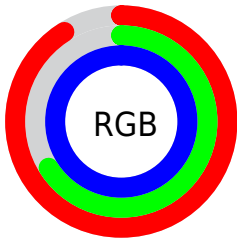
Format	Color
R_{YB}	232, 168, 255
Decimal	15247615
CIE _{Lab}	77.51, 38.19, -34.01
CIE _{LCh}	78, 51.141, 318.314
Yxy	52.3811, 0.2983, 0.2392
Android (android.graphics.Color)	4293437695 (0xFFE8A8FF)
YUV	197.0540, 28.5674, 30.6476
Hunter-Lab	72.3748, 34.4523, -32.3073

Details

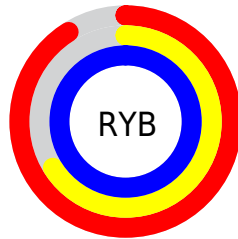
The Yxy color **52.3811, 0.2983, 0.2392** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.4316, 0.3218, 0.4273**, and the grayscale version is **55.6892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **25.4526, 0.2931, 0.2194** is the 20% darker color. If you saturate the color by 10%, you get **42.7629, 0.2925, 0.2123**, and if you desaturate by 10%, it is **63.8923, 0.3034, 0.2665**.

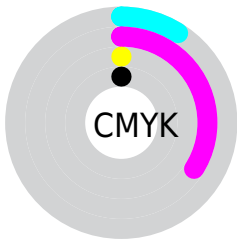
Distribution



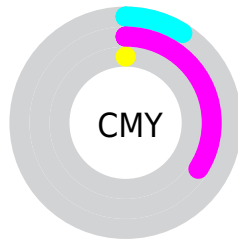
- Red (91%)
- Green (66%)
- Blue (100%)



- Red (91%)
- Yellow (66%)
- Blue (100%)



- Cyan (9%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3811, 0.2983, 0.2392 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 52.3811, 0.2983, 0.2392 by changing the saturation by 10% instead.


 52.3811, 0.2983,
0.2392


 52.3811, 0.2983,
0.2392


395.9061, 0.3064,
0.2798

 37.3089, 0.2961,
0.2302


 93.6930, 0.3014,
0.2531

 25.4468, 0.2933,
0.2193


 120.7016, 0.3025,
0.2585

 16.4102, 0.2895,
0.2059


152.4577, 0.3034,
0.2632

 9.8149, 0.2842,
0.1888

189.3459, 0.3042,
0.2674

 5.2764, 0.2762,
0.1667

231.7504, 0.3048,
0.2710

 2.4103, 0.2637,
0.1372

280.0557, 0.3054,

 0.8312, 0.2420,

0.2743

0.0974

334.6461, 0.3059,
0.2772

■ 0.0000, 0.2074,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.3811, 0.2983,
0.2392

■ 52.3811, 0.2983,
0.2392

■ 42.7629, 0.2925,
0.2123

■ 63.8923, 0.3034,
0.2665

■ 34.9236, 0.2860,
0.1868

■ 77.3913, 0.3078,
0.2933

■ 28.7447, 0.2791,
0.1640

■ 92.9728, 0.3114,
0.3189

■ 24.0911, 0.2719,
0.1450

100.0000, 0.3127,
0.3290

■ 20.8056, 0.2646,
0.1305

■ 18.6963, 0.2575,
0.1209

■ 17.8437, 0.2535,
0.1170

Harmonies

Analogous

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



52.3811, 0.2392, 0.2239



52.3811, 0.2983, 0.2392



52.3811, 0.3687, 0.2730

Triad

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



52.3811, 0.2983, 0.2392



52.3811, 0.4305, 0.4198



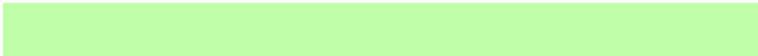
52.3811, 0.2090, 0.3231

Complementary

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



52.3811, 0.2983, 0.2392



85.4316, 0.3218, 0.4273

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.



52.3811, 0.2523, 0.3952



52.3811, 0.2983, 0.2392



52.3811, 0.3802, 0.4519

Square

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



52.3811, 0.2983, 0.2392



52.3811, 0.4496, 0.3709



52.3811, 0.3148, 0.4464



52.3811, 0.1925, 0.2639

Rectangle

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



52.3811, 0.2983, 0.2392



52.3811, 0.4106, 0.3029



52.3811, 0.3148, 0.4464



52.3811, 0.2206, 0.3471

Sweetspot

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



52.3829, 0.2983, 0.2392



83.5373, 0.3093, 0.3040



52.9027, 0.2545, 0.2546



17.4220, 0.3088, 0.3004



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.



52.3829, 0.2983, 0.2392



45.5581, 0.2944, 0.2206



55.2541, 0.3330, 0.2621



18.0442, 0.3095, 0.3053



9.4003, 0.2546, 0.1176



0.9685, 0.2624, 0.1219

Inverse Universe

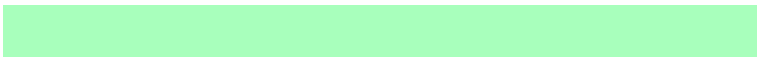
The Inverse Universe completely reimagines the original color for something new.



53.0371, 0.3719, 0.3051



46.4365, 0.3896, 0.3002



83.4916, 0.2974, 0.4069



18.0661, 0.3252, 0.3227



11.3448, 0.5888, 0.3017



1.1217, 0.5571, 0.2842

Previews

White Background



This preview shows how the Yxy color 52.3811, 0.2983, 0.2392 looks on a white background.

Color Contrast Check

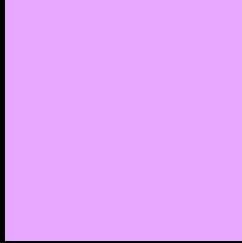
Large Text (above 18pt) WCAG AA × Fail

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 52.3811, 0.2983, 0.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

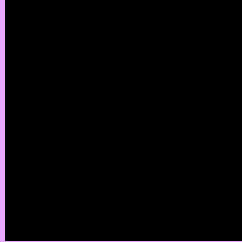
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3811, 0.2983, 0.2392

Background



This preview shows how black text looks on a background with the Yxy color 52.3811, 0.2983, 0.2392.



This preview shows how white text looks on a background with the Yxy color 52.3811, 0.2983, 0.2392.

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

52.3811, 0.2983, 0.2392

Protanopia

52.9311, 0.2574, 0.2537

Deuteranopia

52.8252, 0.2627, 0.2572



Tritanopia

52.2255, 0.3386, 0.3130

Trichromacy



Original Color

52.3811, 0.2983, 0.2392



Protanomaly

52.1452, 0.2705, 0.2473



Deuteranomaly

52.0818, 0.2751, 0.2497

Tritanomaly

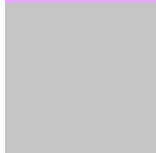
52.1773, 0.3233, 0.2845

Monochromacy



Original Color

52.3811, 0.2983, 0.2392



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.8814, 0.3080, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3811, 0.2983, 0.2392 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(232, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 168, 255)  
}
```

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(232, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 168, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.3811, 0.2983, 0.2392 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(232, 168, 255) }
```

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

```
.border{ border-color:rgb(232, 168, 255) }
```

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

Here you see how a box with a 4 pixel rgb(232, 168, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 168,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3811, 0.2983, 0.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 168, 255) }
```

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

```
.background{ background-color: rgb(232,  
168, 255) }
```

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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