

Converting Colors

Yxy(56.6389, 0.3072, 0.2499)

Have a look what the booklet for
Yxy(56.6389, 0.3072, 0.2499)
contains.

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Color

Yxy(56.6290, 0.3076, 0.2500)

Conversions

Conversions Part 1

Format	Color
Hex	F2AFFD
RGB	242, 175, 253
RGB Percent	95%, 69%, 99%
CMY	0.0510, 0.3137, 0.0077
CMYK	0.04, 0.31, 0.00, 0.01
HSL	292°, 95%, 84%
HSV	292°, 31%, 99%
XYZ	69.6763, 56.6290, 100.2107
YIQ	203.9250, 14.8940, 38.4620

Conversions

Conversions Part 2

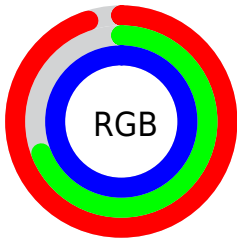
Format	Color
R _Y B	242, 175, 253
Decimal	15904765
CIE Lab	79.97, 37.17, -29.08
CIE LCh	80, 47.192, 321.966
Yxy	56.6290, 0.3076, 0.2500
Android (android.graphics.Color)	4294094845 (0xFFFF2AFFD)
YUV	203.9250, 24.1940, 33.3918
Hunter-Lab	75.2522, 33.5824, -26.2778

Details

The Yxy color **56.6290, 0.3076, 0.2500** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **83.8110, 0.3151, 0.4183**, and the grayscale version is **60.1726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **28.2189, 0.3055, 0.2335** is the 20% darker color. If you saturate the color by 10%, you get **47.0593, 0.3051, 0.2244**, and if you desaturate by 10%, it is **68.0614, 0.3097, 0.2762**.

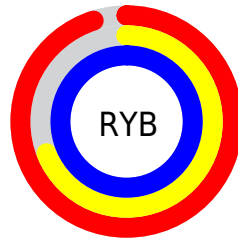
Distribution



Red (95%)

Green (69%)

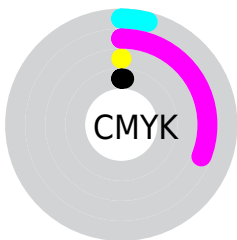
Blue (99%)



Red (95%)

Yellow (69%)

Blue (99%)

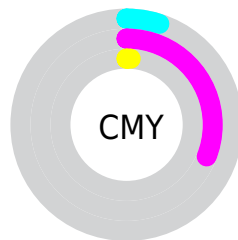


Cyan (4%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (5%)


Magenta (31%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6290, 0.3076, 0.2500 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 56.6290, 0.3076, 0.2500 by changing the saturation by 10% instead.


 56.6290, 0.3076,
0.2500

 56.6290, 0.3076,
0.2500


412.0577, 0.3110,
0.2856

 40.7075, 0.3066,
0.2422


 99.9236, 0.3090,
0.2621

 28.0906, 0.3052,
0.2326


128.0655, 0.3094,
0.2669

 18.3939, 0.3034,
0.2208


161.0497, 0.3098,
0.2711

 11.2332, 0.3006,
0.2057

199.2604, 0.3101,
0.2747

 6.2239, 0.2963,
0.1861

243.0822, 0.3104,
0.2779

 2.9817, 0.2892,
0.1597

292.8994, 0.3106,

 1.1222, 0.2763,

0.2807

0.1230

349.0964, 0.3108,
0.2833

0.0000, 0.2684,
0.0000

0.0000, 0.0000,
0.0000

56.6290, 0.3076,
0.2500

56.6290, 0.3076,
0.2500

47.0593, 0.3051,
0.2244

68.0614, 0.3097,
0.2762

39.2414, 0.3022,
0.2004

81.4443, 0.3113,
0.3020

33.0644, 0.2990,
0.1790

96.8691, 0.3126,
0.3270

28.4014, 0.2955,
0.1612

99.8737, 0.3138,
0.3309

■ 25.1067, 0.2918,
0.1478

■ 23.0059, 0.2881,
0.1389

■ 21.8766, 0.2847,
0.1342

Harmonies

Analogous

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



56.6290, 0.2518, 0.2337



56.6290, 0.3076, 0.2500



56.6290, 0.3707, 0.2829

Triad

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



56.6290, 0.3076, 0.2500



56.6290, 0.4154, 0.4168



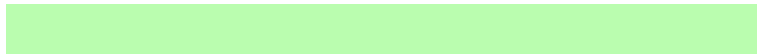
56.6290, 0.2154, 0.3169

Complementary

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



56.6290, 0.3076, 0.2500



83.8110, 0.3151, 0.4183

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.



56.6290, 0.2525, 0.3806



56.6290, 0.3076, 0.2500



56.6290, 0.3678, 0.4411

Square

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



56.6290, 0.3076, 0.2500



56.6290, 0.4360, 0.3741



56.6290, 0.3080, 0.4299



56.6290, 0.2029, 0.2657

Rectangle

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



56.6290, 0.3076, 0.2500



56.6290, 0.4064, 0.3113



56.6290, 0.3080, 0.4299



56.6290, 0.2251, 0.3378

Sweetspot

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



56.6314, 0.3076, 0.2500



85.6103, 0.3116, 0.3067



51.6274, 0.2593, 0.2520



17.8607, 0.3114, 0.3030



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.



56.6314, 0.3076, 0.2500



51.4013, 0.3061, 0.2341



57.0275, 0.3381, 0.2773



18.1623, 0.3115, 0.3054



11.6833, 0.2853, 0.1345



1.1718, 0.2896, 0.1369

Inverse Universe

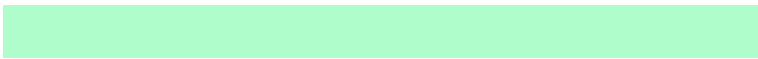
The Inverse Universe completely reimagines the original color for something new.



55.0993, 0.3730, 0.3175



49.6839, 0.3905, 0.3152



83.6637, 0.2940, 0.3872



18.0290, 0.3272, 0.3257



11.1883, 0.6215, 0.3197



1.1014, 0.5953, 0.3053

Previews

White Background



This preview shows how the Yxy color 56.6290, 0.3076, 0.2500 looks on a white background.

Color Contrast Check

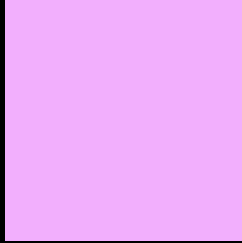
Large Text (above 18pt) WCAG AA × Fail

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 56.6290, 0.3076, 0.2500 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 56.6290, 0.3076, 0.2500

Background



This preview shows how black text looks on a background with the Yxy color 56.6290, 0.3076, 0.2500.



This preview shows how white text looks on a background with the Yxy color 56.6290, 0.3076, 0.2500.

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

56.6290, 0.3076, 0.2500

Protanopia

57.2198, 0.2647, 0.2632

Deuteranopia

57.0762, 0.2740, 0.2680



Tritanopia

56.3605, 0.3422, 0.3125

Trichromacy



Original Color

56.6290, 0.3076, 0.2500



Protanomaly

56.3883, 0.2787, 0.2577



Deuteranomaly

56.5702, 0.2855, 0.2613



Tritanomaly

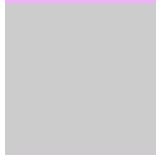
56.1667, 0.3296, 0.2882

Monochromacy



Original Color

56.6290, 0.3076, 0.2500



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.3193, 0.3111, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6290, 0.3076, 0.2500 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(242, 175, 253)` looks like.

```
.text, #text, p{  
    color:rgb(242, 175, 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(242, 175, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 175, 253) }
```

Border

The CSS property to change the border of an element to Yxy 56.6290, 0.3076, 0.2500 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(242, 175, 253) }
```

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

```
.border{ border-color:rgb(242, 175, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 175, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 175, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 175, 253);  
box-shadow:4px 4px 4px 4px rgb(242, 175,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6290, 0.3076, 0.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 175, 253) }
```

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

```
.background{ background-color: rgb(242,  
175, 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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