

Converting Colors

$Y_{xy}(45.4707, 0.3256, 0.2855)$

Have a look what the booklet for
Yxy(45.4707, 0.3256, 0.2855)
contains.

Yxy(45.4707, 0.3256, 0.2855)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.4707, 0.3256, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	D6A5CA
RGB	214, 165, 202
RGB Percent	84%, 65%, 79%
CMY	0.1607, 0.3530, 0.2077
CMYK	0.00, 0.23, 0.06, 0.16
HSL	315°, 37%, 74%
HSV	315°, 23%, 84%
XYZ	51.8573, 45.4707, 61.9389
YIQ	183.8690, 17.3270, 21.8950

Conversions

Conversions Part 2

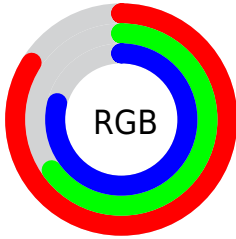
Format	Color
R_{YB}	214, 165, 202
Decimal	14067146
CIE _{Lab}	73.20, 24.08, -11.92
CIE _{LCh}	73, 26.868, 333.659
Yxy	45.4707, 0.3256, 0.2855
Android (android.graphics.Color)	4292257226 (0xFFD6A5CA)
YUV	183.8690, 8.9386, 26.4249
Hunter-Lab	67.4320, 19.2662, -7.2578

Details

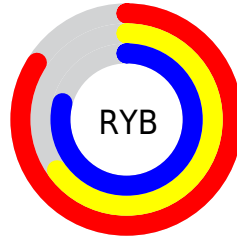
The Yxy color $45.4707, 0.3256, 0.2855$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $59.2824, 0.3020, 0.3768$, and the grayscale version is $47.8021, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6664, 0.3143, 0.2950$, and $21.3193, 0.3290, 0.2745$ is the 20% darker color. If you saturate the color by 10%, you get $38.1437, 0.3327, 0.2660$, and if you desaturate by 10%, it is $54.1021, 0.3194, 0.3049$.

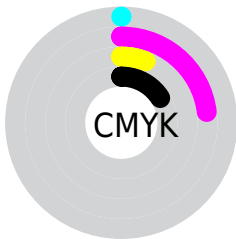
Distribution



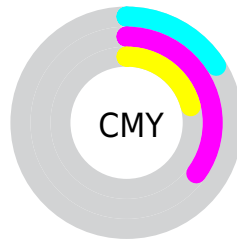
- Red (84%)
- Green (65%)
- Blue (79%)



- Red (84%)
- Yellow (65%)
- Blue (79%)



- Cyan (0%)
- Magenta (23%)
- Yellow (6%)
- Black (16%)




- Cyan (16%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4707, 0.3256, 0.2855 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 45.4707, 0.3256, 0.2855 by changing the saturation by 10% instead.


 45.4707, 0.3256,
0.2855

 45.4707, 0.3256,
0.2855


368.6766, 0.3195,
0.3066

 31.8283, 0.3270,
0.2804


 83.4263, 0.3235,
0.2930

 21.2304, 0.3288,
0.2741


 108.5083, 0.3226,
0.2959

 13.2925, 0.3311,
0.2658


138.1724, 0.3219,
0.2983

 7.6303, 0.3341,
0.2546

172.8028, 0.3213,
0.3004

 3.8593, 0.3383,
0.2387

212.7841, 0.3208,
0.3022

 1.5952, 0.3443,
0.2143

258.5005, 0.3203,

 0.3543, 0.3674,

0.3039

0.1404

310.3366, 0.3199,
0.3053

0.0000, 0.0000,
0.0000

45.4707, 0.3256,
0.2855

45.4707, 0.3256,
0.2855

38.1437, 0.3327,
0.2660

54.1021, 0.3194,
0.3049

32.0508, 0.3407,
0.2471

64.0919, 0.3141,
0.3237

27.1240, 0.3495,
0.2297

75.4980, 0.3096,
0.3415

23.2867, 0.3590,
0.2148

88.3735, 0.3058,
0.3582

20.4526, 0.3689,
0.2035

91.4350, 0.3028,
0.3570

■ 18.5227, 0.3788,
0.1965

■ 91.7308, 0.2999,
0.3514

■ 17.3774, 0.3885,
0.1944

■ 92.0355, 0.2970,
0.3459

■ 16.8975, 0.3953,
0.1951

■ 92.3491, 0.2942,
0.3404

■ 92.6718, 0.2914,
0.3349

Harmonies

Analogous

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



45.4707, 0.2878, 0.2702



45.4707, 0.3256, 0.2855



45.4707, 0.3618, 0.3109

Triad

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



45.4707, 0.3256, 0.2855



45.4707, 0.3677, 0.3921



45.4707, 0.2458, 0.3095

Complementary

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



45.4707, 0.3256, 0.2855



59.2824, 0.3020, 0.3768

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.



45.4707, 0.2647, 0.3459



45.4707, 0.3256, 0.2855



45.4707, 0.3345, 0.3962

Square

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



45.4707, 0.3256, 0.2855



45.4707, 0.3865, 0.3711



45.4707, 0.2968, 0.3791



45.4707, 0.2436, 0.2817

Rectangle

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



45.4707, 0.3256, 0.2855



45.4707, 0.3791, 0.3311



45.4707, 0.2968, 0.3791



45.4707, 0.2503, 0.3212

Sweetspot

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



45.4727, 0.3256, 0.2855



88.8571, 0.3162, 0.3160



41.0430, 0.2833, 0.2667



18.8239, 0.3165, 0.3148



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.



45.4727, 0.3256, 0.2855



62.6229, 0.3286, 0.2770



44.4240, 0.3472, 0.3133



12.5783, 0.3175, 0.3116



10.2270, 0.3939, 0.1944



0.6295, 0.3787, 0.1860

Inverse Universe

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



45.4727, 0.3256, 0.2855



62.6229, 0.3286, 0.2770



60.3233, 0.2869, 0.3454



12.5783, 0.3175, 0.3116



10.2270, 0.3939, 0.1944



0.6295, 0.3787, 0.1860

Previews

White Background



This preview shows how the Yxy color 45.4707, 0.3256, 0.2855 looks on a white background.

Color Contrast Check

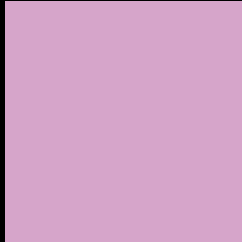
Large Text (above 18pt) WCAG AA × Fail

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 45.4707, 0.3256, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

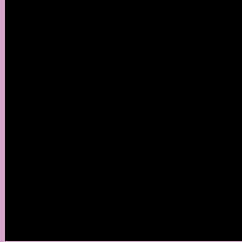
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4707, 0.3256, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 45.4707, 0.3256, 0.2855.



This preview shows how white text looks on a background with the Yxy color 45.4707, 0.3256, 0.2855.

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

45.4707, 0.3256, 0.2855

Protanopia

45.9420, 0.2844, 0.2883

Deuteranopia

45.5214, 0.3039, 0.2975



Tritanopia

45.6022, 0.3401, 0.3133

Trichromacy



Original Color

45.4707, 0.3256, 0.2855

Protanomaly

45.6450, 0.2985, 0.2868

Deuteranomaly

45.2132, 0.3109, 0.2921

Tritanomaly

45.6764, 0.3349, 0.3039

Monochromacy



Original Color

45.4707, 0.3256, 0.2855

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.8080, 0.3170, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4707, 0.3256, 0.2855 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(214, 165, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 165, 202)  
}
```

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(214, 165, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 165, 202) }
```

Border

The CSS property to change the border of an element to Yxy 45.4707, 0.3256, 0.2855 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(214, 165, 202) }
```

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

```
.border{ border-color:rgb(214, 165, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 165, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 165, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 165, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 165,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4707, 0.3256, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 165, 202) }
```

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

```
.background{ background-color: rgb(214,  
165, 202) }
```

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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