

Converting Colors

$Y_{xy}(45.8498, 0.3175, 0.2817)$

Have a look what the booklet for
Yxy(45.8498, 0.3175, 0.2817)
contains.

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Color

Yxy(45.8441, 0.3176, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	D2A7CF
RGB	210, 167, 207
RGB Percent	82%, 65%, 81%
CMY	0.1763, 0.3451, 0.1881
CMYK	0.00, 0.20, 0.01, 0.18
HSL	304°, 32%, 74%
HSV	304°, 20%, 82%
XYZ	51.6682, 45.8441, 65.1709
YIQ	184.4170, 12.7880, 21.5560

Conversions

Conversions Part 2

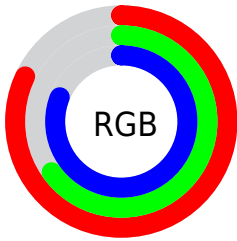
Format	Color
R_{YB}	210, 167, 207
Decimal	13805519
CIE _{Lab}	73.44, 22.53, -14.34
CIE _{LCh}	73, 26.705, 327.534
Yxy	45.8441, 0.3176, 0.2818
Android (android.graphics.Color)	4291995599 (0xFFD2A7CF)
YUV	184.4170, 11.1334, 22.4363
Hunter-Lab	67.7083, 17.7238, -9.6723

Details

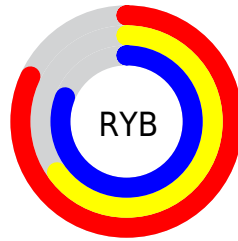
The Yxy color $45.8441, 0.3176, 0.2818$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $57.2256, 0.3081, 0.3812$, and the grayscale version is $48.1100, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7226, 0.3142, 0.2970$, and $21.5299, 0.3179, 0.2695$ is the 20% darker color. If you saturate the color by 10%, you get $38.6945, 0.3203, 0.2585$, and if you desaturate by 10%, it is $54.2480, 0.3151, 0.3052$.

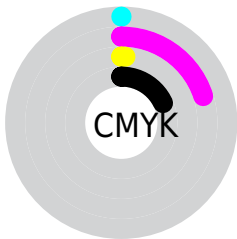
Distribution



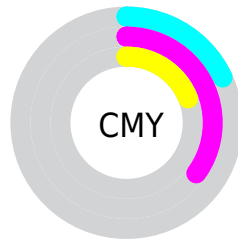
- Red (82%)
- Green (65%)
- Blue (81%)



- Red (82%)
- Yellow (65%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (18%)




- Cyan (18%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.8441, 0.3176, 0.2818 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 45.8441, 0.3176, 0.2818 by changing the saturation by 10% instead.


 45.8441, 0.3176,
0.2818

 45.8441, 0.3176,
0.2818

370.1815, 0.3155,
0.3046

 32.1228, 0.3180,
0.2764


 83.9856, 0.3169,
0.2899

 21.4553, 0.3185,
0.2695


 109.1747, 0.3167,
0.2930

 13.4572, 0.3190,
0.2607


138.9551, 0.3164,
0.2956

 7.7441, 0.3196,
0.2487

173.7113, 0.3162,
0.2979

 3.9317, 0.3201,
0.2318

213.8276, 0.3160,
0.2999

 1.6354, 0.3201,
0.2063

259.6885, 0.3158,

 0.3813, 0.3280,

0.3016

0.1368

311.6783, 0.3157,
0.3032

■ 0.0000, 0.0000,
0.0000

■ 45.8441, 0.3176,
0.2818

■ 45.8441, 0.3176,
0.2818

■ 38.6945, 0.3203,
0.2585

■ 54.2480, 0.3151,
0.3052

■ 32.7331, 0.3232,
0.2360

■ 63.9565, 0.3128,
0.3279

■ 27.8965, 0.3262,
0.2153

■ 75.0242, 0.3108,
0.3496

■ 24.1134, 0.3292,
0.1973

■ 87.5011, 0.3090,
0.3700

■ 21.3039, 0.3321,
0.1828

■ 90.1001, 0.3080,
0.3724

■ 19.3772, 0.3348,
0.1726

■ 90.1756, 0.3072,
0.3708

■ 18.2249, 0.3373,
0.1667

■ 90.2518, 0.3064,
0.3691

■ 17.6622, 0.3394,
0.1644

■ 90.3287, 0.3056,
0.3675

■ 90.4063, 0.3048,
0.3659

Harmonies

Analogous

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



45.8441, 0.2811, 0.2691



45.8441, 0.3176, 0.2818



45.8441, 0.3547, 0.3053

Triad

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



45.8441, 0.3176, 0.2818



45.8441, 0.3725, 0.3884



45.8441, 0.2489, 0.3167

Complementary

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



45.8441, 0.3176, 0.2818



57.2256, 0.3081, 0.3812

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.



45.8441, 0.2707, 0.3532



45.8441, 0.3176, 0.2818



45.8441, 0.3418, 0.3965

Square

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



45.8441, 0.3176, 0.2818



45.8441, 0.3873, 0.3652



45.8441, 0.3045, 0.3837



45.8441, 0.2432, 0.2867

Rectangle

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



45.8441, 0.3176, 0.2818



45.8441, 0.3740, 0.3248



45.8441, 0.3045, 0.3837



45.8441, 0.2545, 0.3287

Sweetspot

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



45.8461, 0.3176, 0.2818



90.5550, 0.3141, 0.3153



40.8188, 0.2810, 0.2731



19.1723, 0.3142, 0.3138



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.



45.8461, 0.3176, 0.2818



65.5670, 0.3189, 0.2706



44.8699, 0.3362, 0.3064



11.9942, 0.3148, 0.3077



10.7762, 0.3391, 0.1642



0.6069, 0.3355, 0.1622

Inverse Universe

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



45.8461, 0.3176, 0.2818



65.5670, 0.3189, 0.2706



58.1017, 0.2941, 0.3528



11.9942, 0.3148, 0.3077



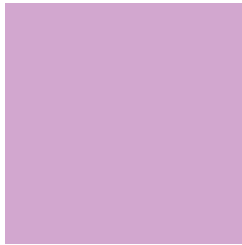
10.7762, 0.3391, 0.1642



0.6069, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 45.8441, 0.3176, 0.2818 looks on a white background.

Color Contrast Check

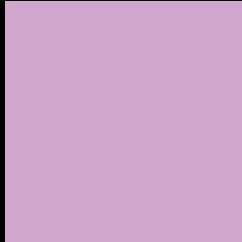
Large Text (above 18pt) WCAG AA × Fail

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 45.8441, 0.3176, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

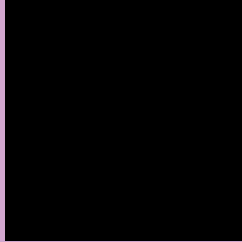
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8441, 0.3176, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 45.8441, 0.3176, 0.2818.



This preview shows how white text looks on a background with the Yxy color 45.8441, 0.3176, 0.2818.

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

45.8441, 0.3176, 0.2818

Protanopia

46.0307, 0.2809, 0.2834

Deuteranopia

46.0232, 0.2992, 0.2927



Tritanopia

45.8519, 0.3343, 0.3132

Trichromacy



Original Color

45.8441, 0.3176, 0.2818

Protanomaly

45.8525, 0.2931, 0.2831

Deuteranomaly

45.9455, 0.3051, 0.2885

Tritanomaly

45.9651, 0.3283, 0.3024

Monochromacy



Original Color

45.8441, 0.3176, 0.2818

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.9840, 0.3144, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8441, 0.3176, 0.2818 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(210, 167, 207)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 207)  
}
```

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(210, 167, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 207) }
```

Border

The CSS property to change the border of an element to Yxy 45.8441, 0.3176, 0.2818 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(210, 167, 207) }
```

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

```
.border{ border-color:rgb(210, 167, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 167, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8441, 0.3176, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 207) }
```

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

```
.background{ background-color: rgb(210,  
167, 207) }
```

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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