

Converting Colors

$Y_{xy}(45.2888, 0.3157, 0.2797)$

Have a look what the booklet for
Yxy(45.2888, 0.3157, 0.2797)
contains.

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Color

Yxy(45.2364, 0.3150, 0.2793)

Conversions

Conversions Part 1

Format	Color
Hex	D0A6D0
RGB	208, 166, 208
RGB Percent	82%, 65%, 82%
CMY	0.1846, 0.3489, 0.1844
CMYK	0.00, 0.20, 0.00, 0.18
HSL	300°, 31%, 73%
HSV	300°, 20%, 82%
XYZ	51.0185, 45.2364, 65.7086
YIQ	183.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

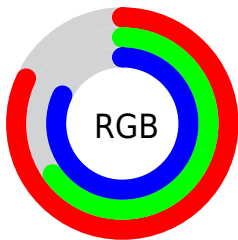
Format	Color
R _{YB}	208, 166, 208
Decimal	13674192
CIE Lab	73.05, 22.53, -15.48
CIE LCh	73, 27.333, 325.498
Yxy	45.2364, 0.3150, 0.2793
Android (android.graphics.Color)	4291864272 (0xFFD0A6D0)
YUV	183.3460, 12.1544, 21.6216
Hunter-Lab	67.2580, 17.6995, -10.8435

Details

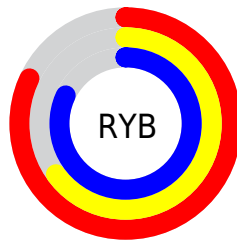
The Yxy color $45.2364, 0.3150, 0.2793$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.9767, 0.3102, 0.3843$, and the grayscale version is $47.4793, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.1929, 0.3143, 0.2960$, and $21.1400, 0.3145, 0.2660$ is the 20% darker color. If you saturate the color by 10%, you get $38.2725, 0.3161, 0.2546$, and if you desaturate by 10%, it is $53.4271, 0.3139, 0.3042$.

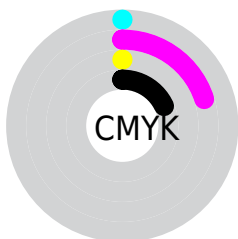
Distribution



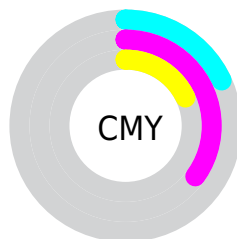
- Red (82%)
- Green (65%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2364, 0.3150, 0.2793 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 45.2364, 0.3150, 0.2793 by changing the saturation by 10% instead.


 45.2364, 0.3150,
0.2793

 45.2364, 0.3150,
0.2793


367.7301, 0.3143,
0.3033

 31.6437, 0.3151,
0.2736


 83.0750, 0.3148,
0.2878

 21.0895, 0.3151,
0.2664


 108.0897, 0.3147,
0.2911

 13.1894, 0.3151,
0.2570


137.6806, 0.3146,
0.2939

 7.5591, 0.3148,
0.2444

172.2319, 0.3145,
0.2963

 3.8142, 0.3141,
0.2267

212.1281, 0.3145,
0.2984

 1.5702, 0.3120,
0.1998

257.7536, 0.3144,


 0.3374, 0.3174,


0.3002


0.1229

309.4928, 0.3143,
0.3018


 0.0000, 0.0000,
0.0000


 45.2364, 0.3150,
0.2793


 45.2364, 0.3150,
0.2793


 38.2725, 0.3161,
0.2546


 53.4271, 0.3139,
0.3042

 32.4709, 0.3172,
0.2308

 62.8935, 0.3127,
0.3286


 27.7699, 0.3182,
0.2091

 73.6889, 0.3117,
0.3519

 24.1002, 0.3190,
0.1902

 85.8620, 0.3106,
0.3738

 21.3841, 0.3197,
0.1750

 89.4931, 0.3104,
0.3796

■ 19.5332, 0.3202,
0.1640

■ 89.4970, 0.3104,
0.3796

■ 18.4429, 0.3205,
0.1573

■ 89.5009, 0.3104,
0.3796

■ 17.9230, 0.3206,
0.1540

■ 89.5047, 0.3104,
0.3796

■ 89.5086, 0.3105,
0.3796

Harmonies

Analogous

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



45.2364, 0.2780, 0.2672



45.2364, 0.3150, 0.2793



45.2364, 0.3535, 0.3028

Triad

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



45.2364, 0.3150, 0.2793



45.2364, 0.3757, 0.3887



45.2364, 0.2482, 0.3187

Complementary

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



45.2364, 0.3150, 0.2793



55.9767, 0.3102, 0.3843

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.



45.2364, 0.2716, 0.3564



45.2364, 0.3150, 0.2793



45.2364, 0.3450, 0.3985

Square

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



45.2364, 0.3150, 0.2793



45.2364, 0.3896, 0.3641



45.2364, 0.3068, 0.3870



45.2364, 0.2413, 0.2872

Rectangle

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



45.2364, 0.3150, 0.2793



45.2364, 0.3741, 0.3225



45.2364, 0.3068, 0.3870



45.2364, 0.2543, 0.3312

Sweetspot

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



45.2384, 0.3150, 0.2793



90.6200, 0.3134, 0.3143



40.2036, 0.2794, 0.2747



19.1877, 0.3135, 0.3127



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.



45.2384, 0.3150, 0.2793



66.9597, 0.3155, 0.2691



44.3110, 0.3326, 0.3027



12.0083, 0.3138, 0.3061



11.1724, 0.3206, 0.1540



0.6249, 0.3207, 0.1540

Inverse Universe

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



43.4491, 0.3525, 0.3291



63.6442, 0.3630, 0.3291



56.7749, 0.2966, 0.3569



11.8085, 0.3290, 0.3290



8.3583, 0.6399, 0.3299



0.4674, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 45.2364, 0.3150, 0.2793 looks on a white background.

Color Contrast Check

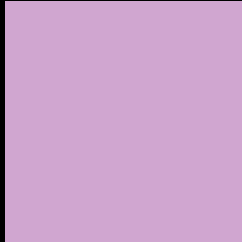
Large Text (above 18pt) WCAG AA × Fail

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 45.2364, 0.3150, 0.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

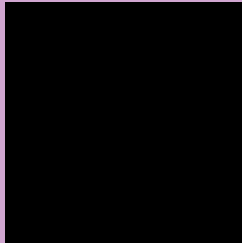
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2364, 0.3150, 0.2793

Background



This preview shows how black text looks on a background with the Yxy color 45.2364, 0.3150, 0.2793.



This preview shows how white text looks on a background with the Yxy color 45.2364, 0.3150, 0.2793.

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

45.2364, 0.3150, 0.2793

Protanopia

45.4566, 0.2786, 0.2807

Deuteranopia

45.3065, 0.2959, 0.2900



Tritanopia

45.0475, 0.3317, 0.3118

Trichromacy



Original Color

45.2364, 0.3150, 0.2793

Protanomaly

45.2665, 0.2907, 0.2805

Deuteranomaly

45.3475, 0.3027, 0.2859

Tritanomaly

45.2053, 0.3249, 0.2998

Monochromacy



Original Color

45.2364, 0.3150, 0.2793

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4565, 0.3136, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2364, 0.3150, 0.2793 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(208, 166, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 166, 208)  
}
```

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(208, 166, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 166, 208) }
```

Border

The CSS property to change the border of an element to Yxy 45.2364, 0.3150, 0.2793 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(208, 166, 208) }
```

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

```
.border{ border-color:rgb(208, 166, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 166, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 166, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 166, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 166,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2364, 0.3150, 0.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 166, 208) }
```

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

```
.background{ background-color: rgb(208,  
166, 208) }
```

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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