

Converting Colors

$Y_{xy}(45.1128, 0.3264, 0.2733)$

Have a look what the booklet for
Yxy(45.1128, 0.3264, 0.2733)
contains.

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Color

Yxy(45.1172, 0.3263, 0.2731)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DDA0D1 |
| RGB | 221, 160, 209 |
| RGB Percent | 87%, 63%, 82% |
| CMY | 0.1332, 0.3726, 0.1804 |
| CMYK | 0.00, 0.28, 0.05, 0.13 |
| HSL | 312°, 47%, 75% |
| HSV | 312°, 28%, 87% |
| XYZ | 53.9061, 45.1172, 66.1807 |
| YIQ | 183.8250, 20.6270, 28.1710 |

Conversions

Conversions Part 2

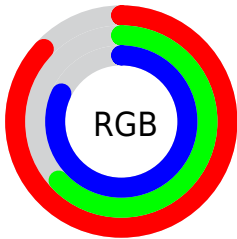
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 221, 160, 209 |
| Decimal | 14524625 |
| CIE Lab | 72.97, 30.39, -16.02 |
| CIE LCh | 73, 34.353, 332.202 |
| Yxy | 45.1172, 0.3263, 0.2731 |
| Android (android.graphics.Color) | 4292714705 (0xFFDDA0D1) |
| YUV | 183.8250, 12.4113, 32.6025 |
| Hunter-Lab | 67.1693, 25.7070, -11.3988 |

Details

The Yxy color **45.1172, 0.3263, 0.2731** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.1873, 0.3016, 0.3923**, and the grayscale version is **47.7547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **21.0910, 0.3286, 0.2586** is the 20% darker color. If you saturate the color by 10%, you get **37.9122, 0.3325, 0.2527**, and if you desaturate by 10%, it is **53.6946, 0.3208, 0.2938**.

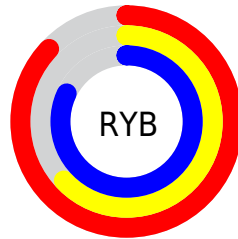
Distribution



Red (87%)

Green (63%)

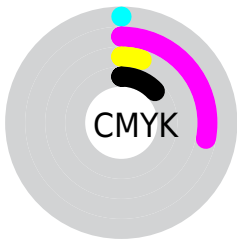
Blue (82%)



Red (87%)

Yellow (63%)

Blue (82%)

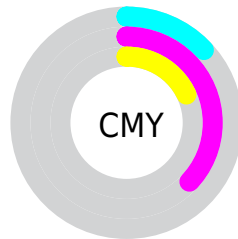


Cyan (0%)

Magenta (28%)

Yellow (5%)

Black (13%)



Cyan (13%)


Magenta (37%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1172, 0.3263, 0.2731 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 45.1172, 0.3263, 0.2731 by changing the saturation by 10% instead.

 45.1172, 0.3263,
0.2731


 45.1172, 0.3263,
0.2731


367.2480, 0.3201,
0.2999

 31.5498, 0.3277,
0.2668


 82.8963, 0.3241,
0.2826

 21.0178, 0.3294,
0.2588


 107.8766, 0.3233,
0.2862

 13.1370, 0.3316,
0.2486


137.4301, 0.3226,
0.2893

 7.5230, 0.3343,
0.2349

171.9411, 0.3219,
0.2920

 3.7913, 0.3378,
0.2158

211.7940, 0.3214,
0.2943

 1.5575, 0.3424,
0.1874

257.3732, 0.3209,

 0.3287, 0.3604,

0.2964

0.1105

309.0631, 0.3205,
0.2982

0.0000, 0.0073,
0.0000

0.0000, 0.0000,
0.0000

45.1172, 0.3263,
0.2731

45.1172, 0.3263,
0.2731

37.9122, 0.3325,
0.2527

53.6946, 0.3208,
0.2938

32.0012, 0.3394,
0.2335

63.7052, 0.3159,
0.3141

27.3074, 0.3468,
0.2164

75.2135, 0.3118,
0.3335

23.7433, 0.3545,
0.2024

88.2783, 0.3082,
0.3520

■ 21.2097, 0.3623,
0.1924

■ 92.6573, 0.3056,
0.3540

■ 19.5901, 0.3699,
0.1870

■ 92.9067, 0.3031,
0.3494

■ 18.7250, 0.3772,
0.1860

■ 93.1623, 0.3007,
0.3448

■ 18.5691, 0.3789,
0.1861

■ 93.4242, 0.2983,
0.3403

■ 93.6923, 0.2959,
0.3358

Harmonies

Analogous

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



45.1172, 0.2785, 0.2547



45.1172, 0.3263, 0.2731



45.1172, 0.3736, 0.3039

Triad

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



45.1172, 0.3263, 0.2731



45.1172, 0.3840, 0.4082



45.1172, 0.2289, 0.3051

Complementary

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



45.1172, 0.3263, 0.2731



62.1873, 0.3016, 0.3923

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.



45.1172, 0.2531, 0.3528



45.1172, 0.3263, 0.2731



45.1172, 0.3419, 0.4166

Square

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



45.1172, 0.3263, 0.2731



45.1172, 0.4077, 0.3793



45.1172, 0.2940, 0.3962



45.1172, 0.2255, 0.2696

Rectangle

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



45.1172, 0.3263, 0.2731



45.1172, 0.3968, 0.3287



45.1172, 0.2940, 0.3962



45.1172, 0.2348, 0.3203

Sweetspot

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



45.1192, 0.3263, 0.2731



87.4112, 0.3161, 0.3132



39.0387, 0.2735, 0.2515



18.2353, 0.3168, 0.3101



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.



45.1192, 0.3263, 0.2731



56.5250, 0.3297, 0.2615



43.7841, 0.3537, 0.3063



13.2285, 0.3168, 0.3104



10.7989, 0.3779, 0.1855



0.7111, 0.3669, 0.1795

Inverse Universe

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



45.1192, 0.3263, 0.2731



56.5250, 0.3297, 0.2615



63.4576, 0.2837, 0.3531



13.2285, 0.3168, 0.3104



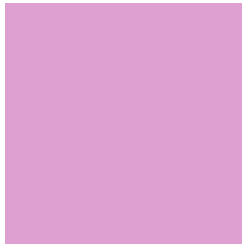
10.7989, 0.3779, 0.1855



0.7111, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 45.1172, 0.3263, 0.2731 looks on a white background.

Color Contrast Check

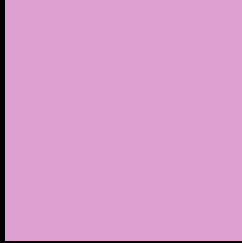
Large Text (above 18pt) WCAG AA × Fail

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 45.1172, 0.3263, 0.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

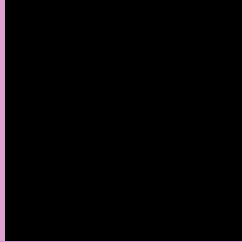
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1172, 0.3263, 0.2731

Background



This preview shows how black text looks on a background with the Yxy color 45.1172, 0.3263, 0.2731.



This preview shows how white text looks on a background with the Yxy color 45.1172, 0.3263, 0.2731.

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

45.1172, 0.3263, 0.2731

Protanopia

45.4963, 0.2737, 0.2747

Deuteranopia

45.3065, 0.2959, 0.2900



Tritanopia

45.2385, 0.3499, 0.3148

Trichromacy



Original Color

45.1172, 0.3263, 0.2731

Protanomaly

44.8269, 0.2909, 0.2726

Deuteranomaly

45.1248, 0.3061, 0.2839

Tritanomaly

45.1305, 0.3410, 0.2996

Monochromacy



Original Color

45.1172, 0.3263, 0.2731

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.3805, 0.3173, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1172, 0.3263, 0.2731 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(221, 160, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 160, 209)  
}
```

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(221, 160, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 160, 209) }
```

Border

The CSS property to change the border of an element to Yxy 45.1172, 0.3263, 0.2731 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(221, 160, 209) }
```

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

```
.border{ border-color:rgb(221, 160, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 160, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 160, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 160, 209); box-shadow:4px 4px 4px 4px rgb(221, 160, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1172, 0.3263, 0.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 160, 209) }
```

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

```
.background{ background-color: rgb(221,  
160, 209) }
```

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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