

Converting Colors

$Y_{xy}(45.7760, 0.3365, 0.2932)$

Have a look what the booklet for
Yxy(45.7760, 0.3365, 0.2932)
contains.

| | |
|---|----|
| Yxy(45.5511, 0.3365, 0.2928) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(45.5511, 0.3365, 0.2928)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBA4C3 |
| RGB | 219, 164, 195 |
| RGB Percent | 86%, 64%, 76% |
| CMY | 0.1410, 0.3569, 0.2352 |
| CMYK | 0.00, 0.25, 0.11, 0.14 |
| HSL | 326°, 43%, 75% |
| HSV | 326°, 25%, 86% |
| XYZ | 52.3495, 45.5511, 57.6701 |
| YIQ | 183.9790, 22.8290, 21.3010 |

Conversions

Conversions Part 2

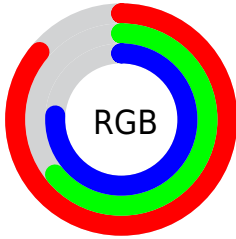
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 219, 164, 195 |
| Decimal | 14394563 |
| CIE Lab | 73.25, 25.14, -7.93 |
| CIE LCh | 73, 26.362, 342.487 |
| Yxy | 45.5511, 0.3365, 0.2928 |
| Android (android.graphics.Color) | 4292584643 (0xFFDBA4C3) |
| YUV | 183.9790, 5.4334, 30.7134 |
| Hunter-Lab | 67.4916, 20.3425, -3.4179 |

Details

The Yxy color $45.5511, 0.3365, 0.2928$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $62.2076, 0.2944, 0.3683$, and the grayscale version is $47.8831, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9513, 0.3163, 0.2968$, and $21.2980, 0.3429, 0.2841$ is the 20% darker color. If you saturate the color by 10%, you get $37.9588, 0.3492, 0.2778$, and if you desaturate by 10%, it is $54.5253, 0.3257, 0.3077$.

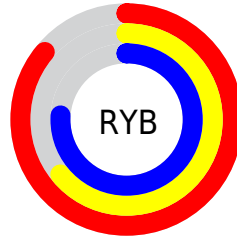
Distribution



Red (86%)

Green (64%)

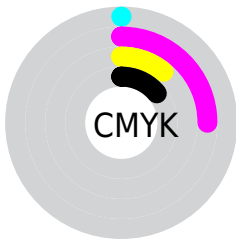
Blue (76%)



Red (86%)

Yellow (64%)

Blue (76%)

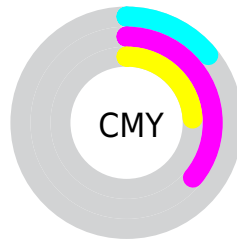


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (14%)



Cyan (14%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5511, 0.3365, 0.2928 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 45.5511, 0.3365, 0.2928 by changing the saturation by 10% instead.


 45.5511, 0.3365,
0.2928


 45.5511, 0.3365,
0.2928


369.0010, 0.3248,
0.3104

 31.8917, 0.3394,
0.2885


 83.5468, 0.3323,
0.2991

 21.2788, 0.3430,
0.2831


 108.6519, 0.3307,
0.3015

 13.3280, 0.3478,
0.2761


138.3410, 0.3294,
0.3036

 7.6548, 0.3543,
0.2664

172.9986, 0.3282,
0.3053

 3.8748, 0.3638,
0.2526

213.0090, 0.3272,
0.3068

 1.6038, 0.3789,
0.2311

258.7565, 0.3263,

 0.3602, 0.4238,

0.3082

0.1588

310.6258, 0.3255,
0.3094

0.0000, 0.0000,
0.0000

45.5511, 0.3365,
0.2928

45.5511, 0.3365,
0.2928

37.9588, 0.3492,
0.2778

54.5253, 0.3257,
0.3077

31.6726, 0.3640,
0.2633

64.9399, 0.3167,
0.3220

26.6186, 0.3810,
0.2502

76.8577, 0.3092,
0.3355

22.7131, 0.3998,
0.2396

90.3358, 0.3030,
0.3480

19.8617, 0.4200,
0.2327

93.0464, 0.2977,
0.3414

■ 17.9550, 0.4409,
0.2306

■ 93.6386, 0.2926,
0.3316

■ 16.8591, 0.4613,
0.2340

■ 93.8066, 0.2912,
0.3289

■ 16.5078, 0.4712,
0.2369

Harmonies

Analogous

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



45.5511, 0.2987, 0.2744



45.5511, 0.3365, 0.2928



45.5511, 0.3692, 0.3198

Triad

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



45.5511, 0.3365, 0.2928



45.5511, 0.3582, 0.3941



45.5511, 0.2446, 0.3007

Complementary

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



45.5511, 0.3365, 0.2928



62.2076, 0.2944, 0.3683

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.



45.5511, 0.2586, 0.3348



45.5511, 0.3365, 0.2928



45.5511, 0.3233, 0.3921

Square

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



45.5511, 0.3365, 0.2928



45.5511, 0.3816, 0.3776



45.5511, 0.2869, 0.3697



45.5511, 0.2475, 0.2772

Rectangle

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



45.5511, 0.3365, 0.2928



45.5511, 0.3826, 0.3401



45.5511, 0.2869, 0.3697



45.5511, 0.2474, 0.3112

Sweetspot

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



45.5532, 0.3365, 0.2928



87.1076, 0.3192, 0.3178



42.3340, 0.2889, 0.2616



18.1586, 0.3205, 0.3157



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.



45.5532, 0.3365, 0.2928



58.5533, 0.3428, 0.2851



44.4268, 0.3621, 0.3247



13.1738, 0.3204, 0.3159



9.8065, 0.4683, 0.2353



0.6525, 0.4377, 0.2185

Inverse Universe

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



45.5532, 0.3365, 0.2928



58.5533, 0.3428, 0.2851



63.5016, 0.2781, 0.3334



13.1738, 0.3204, 0.3159



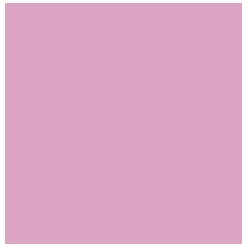
9.8065, 0.4683, 0.2353



0.6525, 0.4377, 0.2185

Previews

White Background



This preview shows how the Yxy color 45.5511, 0.3365, 0.2928 looks on a white background.

Color Contrast Check

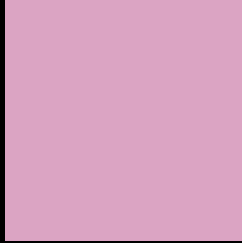
Large Text (above 18pt) WCAG AA × Fail

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 45.5511, 0.3365, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

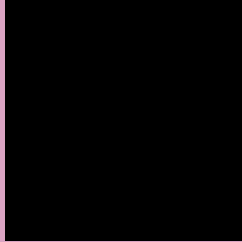
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5511, 0.3365, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 45.5511, 0.3365, 0.2928.



This preview shows how white text looks on a background with the Yxy color 45.5511, 0.3365, 0.2928.

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

45.5511, 0.3365, 0.2928

Protanopia

45.8299, 0.2910, 0.2969

Deuteranopia

45.7167, 0.3129, 0.3064



Tritanopia

45.6844, 0.3478, 0.3136

Trichromacy



Original Color

45.5511, 0.3365, 0.2928

Protanomaly

45.6956, 0.3065, 0.2954

Deuteranomaly

45.5774, 0.3212, 0.3008

Tritanomaly

45.6806, 0.3443, 0.3066

Monochromacy



Original Color

45.5511, 0.3365, 0.2928

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.9454, 0.3212, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5511, 0.3365, 0.2928 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(219, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(219, 164, 195)  
}
```

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(219, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 164, 195) }
```

Border

The CSS property to change the border of an element to Yxy 45.5511, 0.3365, 0.2928 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(219, 164, 195) }
```

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

```
.border{ border-color:rgb(219, 164, 195) }
```

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

Here you see how a box with a 4 pixel rgb(219, 164, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 164, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 164, 195);  
box-shadow:4px 4px 4px 4px rgb(219, 164,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5511, 0.3365, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 164, 195) }
```

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

```
.background{ background-color: rgb(219,  
164, 195) }
```

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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