

Converting Colors

$Yxy(45.5921, 0.3546, 0.3198)$

Have a look what the booklet for
Yxy(45.5921, 0.3546, 0.3198)
contains.

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Color

Yxy(45.7535, 0.3553, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	DBA7AE
RGB	219, 167, 174
RGB Percent	86%, 65%, 68%
CMY	0.1411, 0.3451, 0.3177
CMYK	0.00, 0.24, 0.21, 0.14
HSL	352°, 42%, 76%
HSV	352°, 24%, 86%
XYZ	50.6740, 45.7535, 46.1956
YIQ	183.3460, 28.7450, 13.2010

Conversions

Conversions Part 2

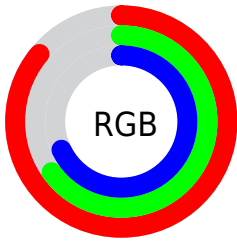
Format	Color
RYB	219, 167, 174
Decimal	14395310
CIELab	73.39, 20.15, 3.83
CIELCh	73, 20.512, 10.760
Yxy	45.7535, 0.3553, 0.3208
Android (android.graphics.Color)	4292585390 (0xFFDBA7AE)
YUV	183.3460, -4.6076, 31.2686
Hunter-Lab	67.6413, 15.3522, 6.8568

Details

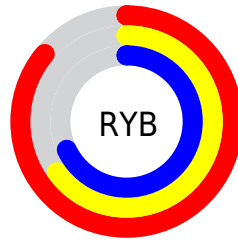
The Yxy color $45.7535, 0.3553, 0.3208$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $63.6418, 0.2819, 0.3375$, and the grayscale version is $47.5688, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1597, 0.3316, 0.3221$, and $21.4531, 0.3669, 0.3181$ is the 20% darker color. If you saturate the color by 10%, you get $37.7110, 0.3808, 0.3172$, and if you desaturate by 10%, it is $55.2635, 0.3347, 0.3244$.

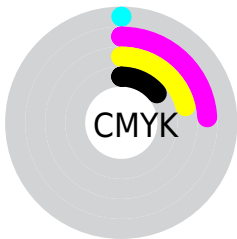
Distribution



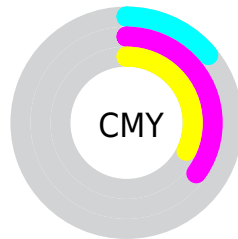
- Red (86%)
- Green (65%)
- Blue (68%)



- Red (86%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (21%)
- Black (14%)





- Cyan (14%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7535, 0.3553, 0.3208 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 45.7535, 0.3553, 0.3208 by changing the saturation by 10% instead.

 45.7535, 0.3553,
0.3208


 45.7535, 0.3553,
0.3208


369.8168, 0.3338,
0.3251

 32.0513, 0.3607,
0.3196


 83.8500, 0.3475,
0.3224

 21.4007, 0.3677,
0.3181


 109.0131, 0.3445,
0.3230

 13.4172, 0.3771,
0.3160


138.7653, 0.3420,
0.3235

 7.7165, 0.3902,
0.3130

173.4910, 0.3399,
0.3239

 3.9141, 0.4100,
0.3081

213.5746, 0.3381,
0.3243

 1.6256, 0.4431,
0.2994

259.4005, 0.3365,

 0.3748, 0.6221,

0.3246

0.2749

311.3531, 0.3351,
0.3249

0.0000, 0.0000,
0.0000

45.7535, 0.3553,
0.3208

45.7535, 0.3553,
0.3208

37.7110, 0.3808,
0.3172

55.2635, 0.3347,
0.3244

31.0568, 0.4119,
0.3137

66.3025, 0.3181,
0.3278

25.7141, 0.4488,
0.3109

78.9358, 0.3047,
0.3309

21.5960, 0.4907,
0.3094

93.2235, 0.2939,
0.3338

18.6048, 0.5349,
0.3098

93.8024, 0.2912,
0.3289

■ 16.6281, 0.5764,
0.3127

■ 15.5301, 0.6095,
0.3179

■ 15.1531, 0.6244,
0.3213

Harmonies

Analogous

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



45.7535, 0.3297, 0.2994



45.7535, 0.3553, 0.3208



45.7535, 0.3691, 0.3449

Triad

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



45.7535, 0.3553, 0.3208



45.7535, 0.3230, 0.3779



45.7535, 0.2609, 0.2895

Complementary

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



45.7535, 0.3553, 0.3208



63.6418, 0.2819, 0.3375

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.



45.7535, 0.2594, 0.3088



45.7535, 0.3553, 0.3208



45.7535, 0.2944, 0.3615

Square

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



45.7535, 0.3553, 0.3208



45.7535, 0.3497, 0.3791



45.7535, 0.2714, 0.3355



45.7535, 0.2755, 0.2814

Rectangle

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



45.7535, 0.3553, 0.3208



45.7535, 0.3695, 0.3599



45.7535, 0.2714, 0.3355



45.7535, 0.2589, 0.2948

Sweetspot

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



45.7556, 0.3553, 0.3208



88.1796, 0.3232, 0.3267



46.6335, 0.3088, 0.2690



18.6671, 0.3241, 0.3265



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.



45.7556, 0.3553, 0.3208



59.2335, 0.3661, 0.3192



52.6367, 0.3570, 0.3506



13.0798, 0.3271, 0.3259



8.9929, 0.6218, 0.3199



0.5920, 0.5843, 0.2993

Inverse Universe

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



45.7556, 0.3553, 0.3208



59.2335, 0.3661, 0.3192



55.0158, 0.2760, 0.3063



13.0798, 0.3271, 0.3259



8.9929, 0.6218, 0.3199



0.5920, 0.5843, 0.2993

Previews

White Background



This preview shows how the Yxy color 45.7535, 0.3553, 0.3208 looks on a white background.

Color Contrast Check

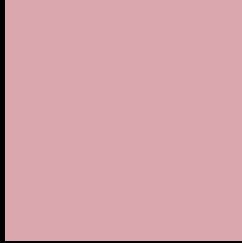
Large Text (above 18pt) WCAG AA × Fail

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 45.7535, 0.3553, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

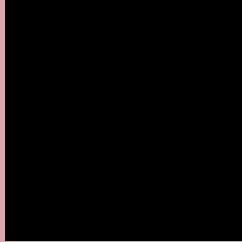
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7535, 0.3553, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 45.7535, 0.3553, 0.3208.



This preview shows how white text looks on a background with the Yxy color 45.7535, 0.3553, 0.3208.

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

45.7535, 0.3553, 0.3208

Protanopia

46.0460, 0.3145, 0.3277

Deuteranopia

45.7067, 0.3380, 0.3303



Tritanopia

45.7428, 0.3518, 0.3137

Trichromacy



Original Color

45.7535, 0.3553, 0.3208

Protanomaly

45.6101, 0.3290, 0.3252

Deuteranomaly

45.5528, 0.3450, 0.3266

Tritanomaly

45.6624, 0.3536, 0.3161

Monochromacy



Original Color

45.7535, 0.3553, 0.3208

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4753, 0.3270, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7535, 0.3553, 0.3208 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, 167, 174)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 174)  
}
```

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, 167, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 174) }
```

Border

The CSS property to change the border of an element to Yxy 45.7535, 0.3553, 0.3208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

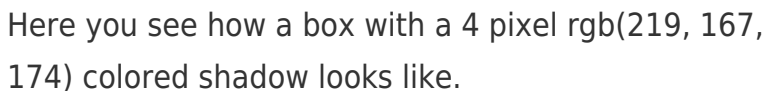
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 167, 174) }
```

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

```
.border{ border-color:rgb(219, 167, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 167, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 167, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 167, 174); box-shadow:4px 4px 4px 4px rgb(219, 167, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7535, 0.3553, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 174) }
```

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

```
.background{ background-color: rgb(219,  
167, 174) }
```

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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