

Converting Colors

$Yxy(45.8603, 0.3553, 0.3173)$

Have a look what the booklet for
Yxy(45.8603, 0.3553, 0.3173)
contains.

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Color

Yxy(45.7792, 0.3555, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	DDA6B0
RGB	221, 166, 176
RGB Percent	87%, 65%, 69%
CMY	0.1333, 0.3490, 0.3098
CMYK	0.00, 0.25, 0.20, 0.13
HSL	349°, 45%, 76%
HSV	349°, 25%, 87%
XYZ	51.2906, 45.7792, 47.2075
YIQ	183.5850, 29.5700, 14.7700

Conversions

Conversions Part 2

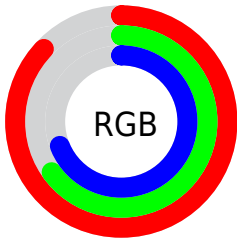
Format	Color
R _Y B	221, 166, 176
Decimal	14526128
CIE Lab	73.40, 21.72, 2.77
CIE LCh	73, 21.893, 7.266
Yxy	45.7792, 0.3555, 0.3173
Android (android.graphics.Color)	4292716208 (0xFFDDA6B0)
YUV	183.5850, -3.7394, 32.8130
Hunter-Lab	67.6603, 16.9082, 5.9948

Details

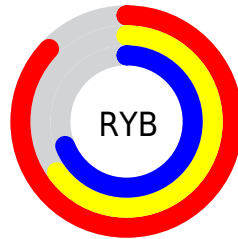
The Yxy color $45.7792, 0.3555, 0.3173$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $64.5220, 0.2820, 0.3411$, and the grayscale version is $47.7019, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7991, 0.3297, 0.3181$, and $21.4892, 0.3672, 0.3135$ is the 20% darker color. If you saturate the color by 10%, you get $37.7559, 0.3801, 0.3124$, and if you desaturate by 10%, it is $55.2825, 0.3355, 0.3222$.

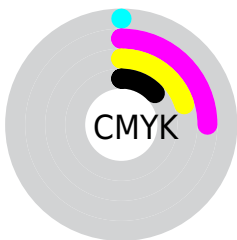
Distribution



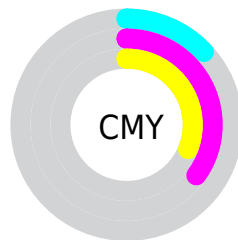
- Red (87%)
- Green (65%)
- Blue (69%)



- Red (87%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (13%)




- Cyan (13%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7792, 0.3555, 0.3173 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 45.7792, 0.3555, 0.3173 by changing the saturation by 10% instead.


 45.7792, 0.3555,
0.3173


 45.7792, 0.3555,
0.3173


369.9202, 0.3340,
0.3233

 32.0716, 0.3609,
0.3157


 83.8885, 0.3476,
0.3195

 21.4162, 0.3679,
0.3137


 109.0589, 0.3447,
0.3204

 13.4286, 0.3773,
0.3109


138.8191, 0.3422,
0.3211

 7.7243, 0.3904,
0.3069

173.5535, 0.3401,
0.3217

 3.9191, 0.4102,
0.3008

213.6464, 0.3382,
0.3222

 1.6284, 0.4431,
0.2901

259.4822, 0.3366,

 0.3766, 0.5998,

0.3226

0.2541

311.4454, 0.3352,
0.3230

0.0000, 0.0000,
0.0000

45.7792, 0.3555,
0.3173

45.7792, 0.3555,
0.3173

37.7559, 0.3801,
0.3124

55.2825, 0.3355,
0.3222

31.1321, 0.4099,
0.3077

66.3287, 0.3194,
0.3268

25.8291, 0.4452,
0.3039

78.9846, 0.3064,
0.3312

21.7577, 0.4853,
0.3017

93.3111, 0.2959,
0.3351

18.8178, 0.5276,
0.3020

94.1116, 0.2923,
0.3289

■ 16.8935, 0.5679,
0.3055

■ 15.8434, 0.6011,
0.3122

■ 15.5259, 0.6144,
0.3158

Harmonies

Analogous

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



45.7792, 0.3272, 0.2953



45.7792, 0.3555, 0.3173



45.7792, 0.3721, 0.3429

Triad

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



45.7792, 0.3555, 0.3173



45.7792, 0.3272, 0.3823



45.7792, 0.2567, 0.2886

Complementary

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



45.7792, 0.3555, 0.3173



64.5220, 0.2820, 0.3411

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.



45.7792, 0.2568, 0.3104



45.7792, 0.3555, 0.3173



45.7792, 0.2965, 0.3666

Square

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



45.7792, 0.3555, 0.3173



45.7792, 0.3549, 0.3816



45.7792, 0.2710, 0.3393



45.7792, 0.2707, 0.2787

Rectangle

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



45.7792, 0.3555, 0.3173



45.7792, 0.3738, 0.3592



45.7792, 0.2710, 0.3393



45.7792, 0.2551, 0.2947

Sweetspot

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



45.7813, 0.3555, 0.3173



88.2300, 0.3226, 0.3259



46.3317, 0.3070, 0.2657



18.6787, 0.3236, 0.3256



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.



45.7813, 0.3555, 0.3173



57.1238, 0.3680, 0.3146



52.1657, 0.3601, 0.3496



13.0900, 0.3263, 0.3248



9.0316, 0.6112, 0.3141



0.5968, 0.5675, 0.2900

Inverse Universe

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



45.7813, 0.3555, 0.3173



57.1238, 0.3680, 0.3146



56.3159, 0.2744, 0.3074



13.0900, 0.3263, 0.3248



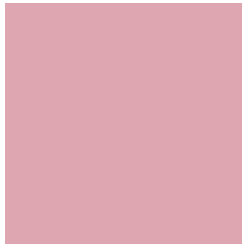
9.0316, 0.6112, 0.3141



0.5968, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 45.7792, 0.3555, 0.3173 looks on a white background.

Color Contrast Check

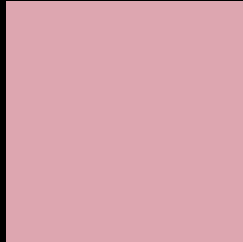
Large Text (above 18pt) WCAG AA × Fail

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 45.7792, 0.3555, 0.3173 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 45.7792, 0.3555, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 45.7792, 0.3555, 0.3173.



This preview shows how white text looks on a background with the Yxy color 45.7792, 0.3555, 0.3173.

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

45.7792, 0.3555, 0.3173

Protanopia

46.1705, 0.3121, 0.3238

Deuteranopia

45.9953, 0.3360, 0.3303



Tritanopia

45.8589, 0.3536, 0.3149

Trichromacy



Original Color

45.7792, 0.3555, 0.3173

Protanomaly

45.8665, 0.3273, 0.3215

Deuteranomaly

46.0101, 0.3430, 0.3254

Tritanomaly

45.8189, 0.3546, 0.3161

Monochromacy



Original Color

45.7792, 0.3555, 0.3173

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.6508, 0.3271, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7792, 0.3555, 0.3173 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, 166, 176)` looks like.

```
.text, #text, p{  
    color:rgb(221, 166, 176)  
}
```

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, 166, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 166, 176) }
```

Border

The CSS property to change the border of an element to Yxy 45.7792, 0.3555, 0.3173 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, 166, 176) }
```

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

```
.border{ border-color:rgb(221, 166, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 166, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 166, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 166, 176);  
box-shadow:4px 4px 4px 4px rgb(221, 166,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7792, 0.3555, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 166, 176) }
```

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

```
.background{ background-color: rgb(221,  
166, 176) }
```

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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