

Converting Colors

$Y_{xy}(45.5919, 0.3636, 0.3265)$

Have a look what the booklet for
Yxy(45.5919, 0.3636, 0.3265)
contains.

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Color

Yxy(45.6292, 0.3640, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DEA6A8
RGB	222, 166, 168
RGB Percent	87%, 65%, 66%
CMY	0.1295, 0.3490, 0.3412
CMYK	0.00, 0.25, 0.24, 0.13
HSL	358°, 46%, 76%
HSV	358°, 25%, 87%
XYZ	50.8232, 45.6292, 43.1718
YIQ	182.9720, 32.7340, 12.4940

Conversions

Conversions Part 2

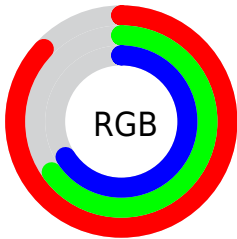
Format	Color
R _Y B	222, 166, 168
Decimal	14591656
CIE Lab	73.30, 20.90, 7.04
CIE LCh	73, 22.053, 18.625
Yxy	45.6292, 0.3640, 0.3268
Android (android.graphics.Color)	4292781736 (0xFFDEA6A8)
YUV	182.9720, -7.3812, 34.2276
Hunter-Lab	67.5494, 16.0895, 9.3915

Details

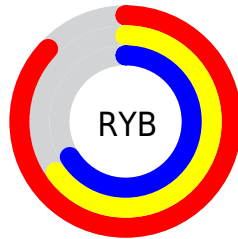
The Yxy color **45.6292, 0.3640, 0.3268** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.5077, 0.2769, 0.3313**, and the grayscale version is **47.3661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3006, 0.3359, 0.3271**, and **21.4026, 0.3793, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **37.5111, 0.3936, 0.3259**, and if you desaturate by 10%, it is **55.2758, 0.3402, 0.3277**.

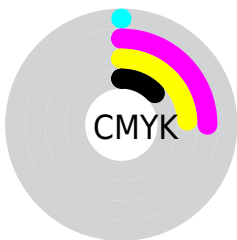
Distribution



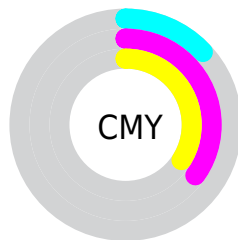
- Red (87%)
- Green (65%)
- Blue (66%)



- Red (87%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (13%)




- Cyan (13%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6292, 0.3640, 0.3268 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 45.6292, 0.3640, 0.3268 by changing the saturation by 10% instead.


 45.6292, 0.3640,
0.3268


 45.6292, 0.3640,
0.3268


369.3159, 0.3381,
0.3283

 31.9533, 0.3706,
0.3263


 83.6638, 0.3545,
0.3275

 21.3258, 0.3790,
0.3256


 108.7913, 0.3510,
0.3277

 13.3624, 0.3904,
0.3245


138.5048, 0.3480,
0.3278

 7.6786, 0.4063,
0.3226

173.1886, 0.3454,
0.3280

 3.8900, 0.4304,
0.3194

213.2273, 0.3432,
0.3281

 1.6122, 0.4704,
0.3126

259.0051, 0.3413,

 0.3658, 0.7011,

0.3282

0.2989

310.9065, 0.3396,
0.3283

0.0000, 0.0000,
0.0000

45.6292, 0.3640,
0.3268

45.6292, 0.3640,
0.3268

37.5111, 0.3936,
0.3259

55.2758, 0.3402,
0.3277

30.8372, 0.4296,
0.3251

66.5170, 0.3211,
0.3286

25.5247, 0.4719,
0.3246

79.4225, 0.3058,
0.3294

21.4799, 0.5185,
0.3245

94.0564, 0.2936,
0.3301

18.5974, 0.5650,
0.3250

94.2664, 0.2929,
0.3289

■ 16.7545, 0.6043,
0.3263

■ 15.8014, 0.6299,
0.3280

■ 15.5436, 0.6371,
0.3283

Harmonies

Analogous

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



45.6292, 0.3390, 0.3027



45.6292, 0.3640, 0.3268



45.6292, 0.3746, 0.3525

Triad

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



45.6292, 0.3640, 0.3268



45.6292, 0.3154, 0.3786



45.6292, 0.2600, 0.2830

Complementary

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



45.6292, 0.3640, 0.3268



65.5077, 0.2769, 0.3313

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.



45.6292, 0.2546, 0.3007



45.6292, 0.3640, 0.3268



45.6292, 0.2856, 0.3574

Square

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



45.6292, 0.3640, 0.3268



45.6292, 0.3456, 0.3843



45.6292, 0.2637, 0.3280



45.6292, 0.2789, 0.2779

Rectangle

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



45.6292, 0.3640, 0.3268



45.6292, 0.3718, 0.3677



45.6292, 0.2637, 0.3280



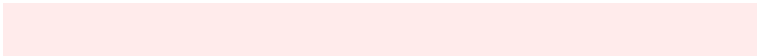
45.6292, 0.2566, 0.2876

Sweetspot

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



45.6313, 0.3640, 0.3268



86.4647, 0.3261, 0.3283



47.6390, 0.3132, 0.2661



17.9975, 0.3289, 0.3282



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.



45.6313, 0.3640, 0.3268



56.6449, 0.3781, 0.3264



55.6287, 0.3588, 0.3585



13.7084, 0.3287, 0.3282



9.2379, 0.6361, 0.3278



0.6431, 0.6247, 0.3215

Inverse Universe

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



45.6313, 0.3640, 0.3268



56.6449, 0.3781, 0.3264



53.2212, 0.2730, 0.2976



13.7084, 0.3287, 0.3282



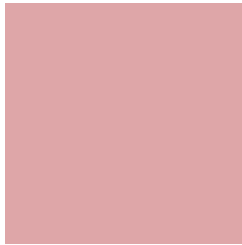
9.2379, 0.6361, 0.3278



0.6431, 0.6247, 0.3215

Previews

White Background



This preview shows how the Yxy color 45.6292, 0.3640, 0.3268 looks on a white background.

Color Contrast Check

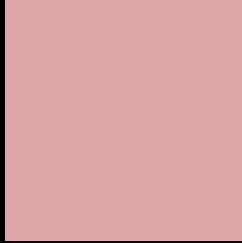
Large Text (above 18pt) WCAG AA × Fail

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 45.6292, 0.3640, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

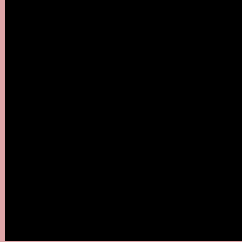
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6292, 0.3640, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 45.6292, 0.3640, 0.3268.



This preview shows how white text looks on a background with the Yxy color 45.6292, 0.3640, 0.3268.

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

45.6292, 0.3640, 0.3268

Protanopia

46.0519, 0.3211, 0.3356

Deuteranopia

45.7586, 0.3451, 0.3379



Tritanopia

45.7726, 0.3567, 0.3150

Trichromacy



Original Color

45.6292, 0.3640, 0.3268

Protanomaly

45.6443, 0.3359, 0.3329

Deuteranomaly

45.6175, 0.3523, 0.3340

Tritanomaly

45.6542, 0.3595, 0.3185

Monochromacy



Original Color

45.6292, 0.3640, 0.3268

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.5290, 0.3296, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6292, 0.3640, 0.3268 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(222, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(222, 166, 168)  
}
```

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(222, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 166, 168) }
```

Border

The CSS property to change the border of an element to Yxy 45.6292, 0.3640, 0.3268 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(222, 166, 168) }
```

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

```
.border{ border-color:rgb(222, 166, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 166, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(222, 166,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6292, 0.3640, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 166, 168) }
```

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

```
.background{ background-color: rgb(222,  
166, 168) }
```

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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