

Converting Colors

$Yxy(45.6878, 0.3653, 0.3291)$

Have a look what the booklet for
Yxy(45.6878, 0.3653, 0.3291)
contains.

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Color

Yxy(45.5552, 0.3659, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	DEA6A6
RGB	222, 166, 166
RGB Percent	87%, 65%, 65%
CMY	0.1296, 0.3489, 0.3491
CMYK	0.00, 0.25, 0.25, 0.13
HSL	0°, 46%, 76%
HSV	0°, 25%, 87%
XYZ	50.6338, 45.5552, 42.1925
YIQ	182.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

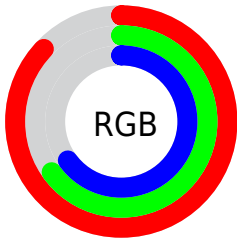
Format	Color
R _Y B	222, 166, 166
Decimal	14591654
CIE Lab	73.26, 20.60, 8.08
CIE LCh	73, 22.129, 21.413
Yxy	45.5552, 0.3659, 0.3292
Android (android.graphics.Color)	4292781734 (0xFFDEA6A6)
YUV	182.7440, -8.2548, 34.4275
Hunter-Lab	67.4946, 15.7935, 10.1826

Details

The Yxy color $45.5552, 0.3659, 0.3292$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $65.5800, 0.2758, 0.3288$, and the grayscale version is $47.2385, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1934, 0.3373, 0.3291$, and $21.3565, 0.3820, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $37.4298, 0.3966, 0.3293$, and if you desaturate by 10%, it is $55.2162, 0.3412, 0.3291$.

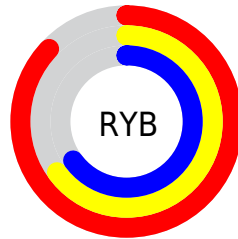
Distribution



Red (87%)

Green (65%)

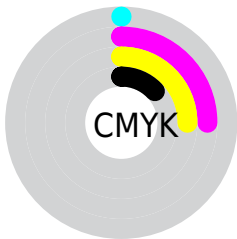
Blue (65%)



Red (87%)

Yellow (65%)

Blue (65%)

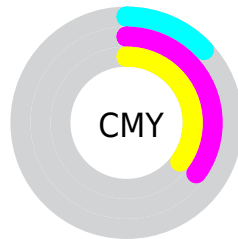


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5552, 0.3659, 0.3292 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 45.5552, 0.3659, 0.3292 by changing the saturation by 10% instead.


 45.5552, 0.3659,
0.3292

 45.5552, 0.3659,
0.3292


369.0175, 0.3390,
0.3296

 31.8950, 0.3727,
0.3290


 83.5529, 0.3560,
0.3294

 21.2813, 0.3815,
0.3286


 108.6592, 0.3524,
0.3295

 13.3298, 0.3933,
0.3279


138.3496, 0.3493,
0.3295

 7.6560, 0.4099,
0.3266

173.0086, 0.3466,
0.3296

 3.8756, 0.4349,
0.3241

213.0204, 0.3443,
0.3296

 1.6042, 0.4764,
0.3183

258.7696, 0.3423,

 0.3605, 0.7011,

0.3296

0.2989

310.6405, 0.3406,
0.3296

0.0000, 0.0000,
0.0000

45.5552, 0.3659,
0.3292

45.5552, 0.3659,
0.3292

37.4298, 0.3966,
0.3293

55.2162, 0.3412,
0.3291

30.7549, 0.4340,
0.3294

66.4794, 0.3214,
0.3290

25.4473, 0.4778,
0.3296

79.4151, 0.3056,
0.3290

21.4123, 0.5256,
0.3297

94.0877, 0.2930,
0.3289

18.5434, 0.5723,
0.3299

94.2639, 0.2929,
0.3289

■ 16.7169, 0.6104,
0.3299

■ 15.7810, 0.6333,
0.3300

■ 15.5272, 0.6400,
0.3300

Harmonies

Analogous

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



45.5552, 0.3418, 0.3046



45.5552, 0.3659, 0.3292



45.5552, 0.3749, 0.3549

Triad

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



45.5552, 0.3659, 0.3292



45.5552, 0.3125, 0.3775



45.5552, 0.2610, 0.2818

Complementary

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



45.5552, 0.3659, 0.3292



65.5800, 0.2758, 0.3288

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.



45.5552, 0.2542, 0.2985



45.5552, 0.3659, 0.3292



45.5552, 0.2830, 0.3549

Square

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



45.5552, 0.3659, 0.3292



45.5552, 0.3431, 0.3847



45.5552, 0.2620, 0.3252



45.5552, 0.2811, 0.2779

Rectangle

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



45.5552, 0.3659, 0.3292



45.5552, 0.3710, 0.3697



45.5552, 0.2620, 0.3252



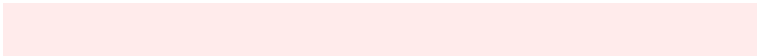
45.5552, 0.2571, 0.2860

Sweetspot

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



45.5573, 0.3659, 0.3292



86.4310, 0.3266, 0.3291



48.0626, 0.3156, 0.2665



17.9891, 0.3295, 0.3291



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.



45.5573, 0.3659, 0.3292



56.5559, 0.3805, 0.3293



56.8485, 0.3580, 0.3616



13.7021, 0.3292, 0.3291



9.2269, 0.6400, 0.3300



0.6401, 0.6399, 0.3301

Inverse Universe

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



65.5800, 0.2758, 0.3288



88.2303, 0.2693, 0.3288



51.9493, 0.2727, 0.2940



15.5707, 0.2982, 0.3289



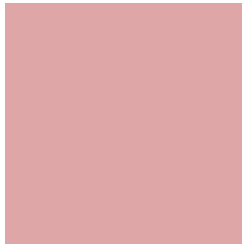
34.1157, 0.2246, 0.3285



2.3653, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 45.5552, 0.3659, 0.3292 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 45.5552, 0.3659, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

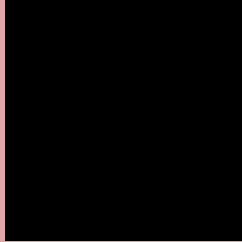
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5552, 0.3659, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 45.5552, 0.3659, 0.3292.



This preview shows how white text looks on a background with the Yxy color 45.5552, 0.3659, 0.3292.

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

45.5552, 0.3659, 0.3292

Protanopia

45.5716, 0.3228, 0.3369

Deuteranopia

45.6852, 0.3469, 0.3404



Tritanopia

45.4132, 0.3569, 0.3139

Trichromacy



Original Color

45.5552, 0.3659, 0.3292

Protanomaly

45.1801, 0.3379, 0.3342

Deuteranomaly

45.5441, 0.3542, 0.3365

Tritanomaly

45.6154, 0.3605, 0.3197

Monochromacy



Original Color

45.5552, 0.3659, 0.3292

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4889, 0.3304, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5552, 0.3659, 0.3292 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, 166)` looks like.

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

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, 166) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 45.5552, 0.3659, 0.3292 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, 166) }
```

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

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

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, 166)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 45.5552, 0.3659, 0.3292 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, 166) }
```

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

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

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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