

Converting Colors

$Y_{xy}(45.8045, 0.3754, 0.3441)$

Have a look what the booklet for
Yxy(45.8045, 0.3754, 0.3441)
contains.

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Color

Yxy(45.9014, 0.3758, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	DEA89B
RGB	222, 168, 155
RGB Percent	87%, 66%, 61%
CMY	0.1294, 0.3412, 0.3923
CMYK	0.00, 0.24, 0.30, 0.13
HSL	12°, 50%, 74%
HSV	12°, 30%, 87%
XYZ	50.0428, 45.9014, 37.2192
YIQ	182.6640, 36.3570, 7.4050

Conversions

Conversions Part 2

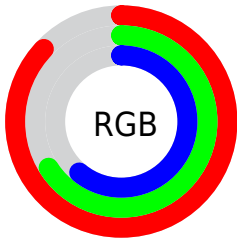
Format	Color
R _Y B	222, 171, 155
Decimal	14592155
CIE Lab	73.48, 18.05, 14.44
CIE LCh	73, 23.111, 38.662
Yxy	45.9014, 0.3758, 0.3447
Android (android.graphics.Color)	4292782235 (0xFFDEA89B)
YUV	182.6640, -13.6384, 34.4977
Hunter-Lab	67.7506, 13.2824, 14.8541

Details

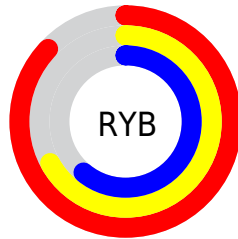
The Yxy color **45.9014, 0.3758, 0.3447** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.8275, 0.2675, 0.3126**, and the grayscale version is **47.2218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6388, 0.3454, 0.3432**, and **21.5972, 0.3944, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **39.0693, 0.4056, 0.3501**, and if you desaturate by 10%, it is **53.7831, 0.3508, 0.3393**.

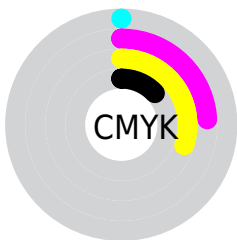
Distribution



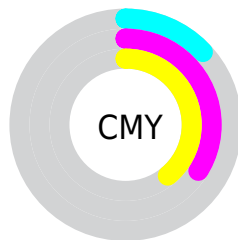
- Red (87%)
- Green (66%)
- Blue (61%)



- Red (87%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9014, 0.3758, 0.3447 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 45.9014, 0.3758, 0.3447 by changing the saturation by 10% instead.


 45.9014, 0.3758,
0.3447


 45.9014, 0.3758,
0.3447


370.4121, 0.3439,
0.3376

 32.1680, 0.3839,
0.3462


 84.0714, 0.3641,
0.3423

 21.4899, 0.3942,
0.3480

 109.2768, 0.3598,
0.3414

 13.4825, 0.4081,
0.3501


139.0751, 0.3561,
0.3405

 7.7617, 0.4275,
0.3525

173.8505, 0.3529,
0.3398

 3.9428, 0.4563,
0.3548

213.9875, 0.3502,
0.3392

 1.6416, 0.5073,
0.3583

259.8705, 0.3478,

 0.3854, 0.6767,

0.3386

0.3233

311.8839, 0.3457,
0.3381

0.0000, 0.0000,
0.0000

45.9014, 0.3758,
0.3447

45.9014, 0.3758,
0.3447

39.0693, 0.4056,
0.3501

53.7831, 0.3508,
0.3393

33.2360, 0.4405,
0.3549

62.7496, 0.3301,
0.3340

28.3559, 0.4799,
0.3585

72.8425, 0.3130,
0.3291

24.3777, 0.5217,
0.3599

84.0991, 0.2989,
0.3246

21.2447, 0.5622,
0.3582

94.2708, 0.2929,
0.3289

■ 18.8935, 0.5964,
0.3530

■ 17.2707, 0.6203,
0.3456

Harmonies

Analogous

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



45.9014, 0.3590, 0.3178



45.9014, 0.3758, 0.3447



45.9014, 0.3745, 0.3693

Triad

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



45.9014, 0.3758, 0.3447



45.9014, 0.2941, 0.3676



45.9014, 0.2694, 0.2759

Complementary

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



45.9014, 0.3758, 0.3447



57.8275, 0.2675, 0.3126

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.



45.9014, 0.2541, 0.2856



45.9014, 0.3758, 0.3447



45.9014, 0.2678, 0.3383

Square

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



45.9014, 0.3758, 0.3447



45.9014, 0.3264, 0.3850



45.9014, 0.2535, 0.3080



45.9014, 0.2966, 0.2794

Rectangle

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



45.9014, 0.3758, 0.3447



45.9014, 0.3638, 0.3811



45.9014, 0.2535, 0.3080



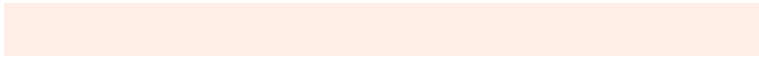
45.9014, 0.2628, 0.2777

Sweetspot

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



45.9036, 0.3758, 0.3447



87.3754, 0.3280, 0.3334



43.6027, 0.3270, 0.2668



18.2909, 0.3307, 0.3342



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.



45.9036, 0.3758, 0.3447



56.9795, 0.3933, 0.3480



59.5667, 0.3647, 0.3820



14.1298, 0.3287, 0.3336



10.3805, 0.6181, 0.3474



0.8439, 0.5892, 0.3704

Inverse Universe

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



57.8275, 0.2675, 0.3126



75.6831, 0.2592, 0.3088



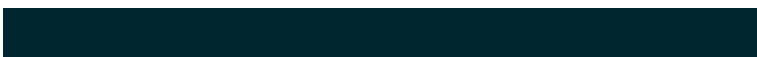
43.3687, 0.2627, 0.2696



15.0957, 0.2982, 0.3243



22.4008, 0.2071, 0.2657



1.6701, 0.2101, 0.2765

Previews

White Background



This preview shows how the Yxy color 45.9014, 0.3758, 0.3447 looks on a white background.

Color Contrast Check

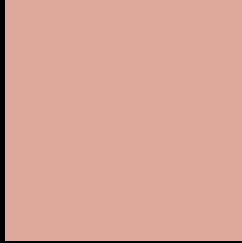
Large Text (above 18pt) WCAG AA × Fail

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 45.9014, 0.3758, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

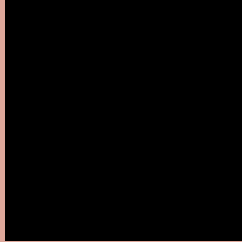
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9014, 0.3758, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 45.9014, 0.3758, 0.3447.



This preview shows how white text looks on a background with the Yxy color 45.9014, 0.3758, 0.3447.

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

45.9014, 0.3758, 0.3447

Protanopia

46.0345, 0.3363, 0.3539

Deuteranopia

46.0151, 0.3615, 0.3540



Tritanopia

45.9319, 0.3576, 0.3151

Trichromacy



Original Color

45.9014, 0.3758, 0.3447

Protanomaly

45.9714, 0.3499, 0.3507

Deuteranomaly

45.9843, 0.3668, 0.3512

Tritanomaly

45.8250, 0.3640, 0.3256

Monochromacy



Original Color

45.9014, 0.3758, 0.3447

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7282, 0.3337, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9014, 0.3758, 0.3447 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, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(222, 168, 155)  
}
```

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, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 168, 155) }
```

Border

The CSS property to change the border of an element to Yxy 45.9014, 0.3758, 0.3447 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, 168, 155) }
```

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

```
.border{ border-color:rgb(222, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 168, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 168, 155); box-shadow:4px 4px 4px 4px rgb(222, 168, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9014, 0.3758, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 168, 155) }
```

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

```
.background{ background-color: rgb(222,  
168, 155) }
```

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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