

Converting Colors

$Y_{xy}(45.4679, 0.3895, 0.3576)$

Have a look what the booklet for
Yxy(45.4679, 0.3895, 0.3576)
contains.

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Color

Yxy(45.4679, 0.3895, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	E0A78F
RGB	224, 167, 143
RGB Percent	88%, 65%, 56%
CMY	0.1215, 0.3451, 0.4392
CMYK	0.00, 0.25, 0.36, 0.12
HSL	18°, 57%, 72%
HSV	18°, 36%, 88%
XYZ	49.5239, 45.4679, 32.1556
YIQ	181.3070, 41.6760, 4.6200

Conversions

Conversions Part 2

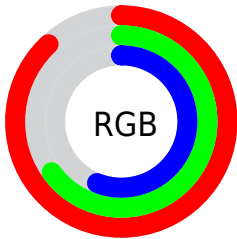
Format	Color
RYB	224, 177, 143
Decimal	14722959
CIELab	73.20, 17.86, 20.60
CIELCh	73, 27.270, 49.074
Yxy	45.4679, 0.3895, 0.3576
Android (android.graphics.Color)	4292913039 (0xFFE0A78F)
YUV	181.3070, -18.8854, 37.4418
Hunter-Lab	67.4299, 13.0971, 18.9271

Details

The Yxy color **45.4679, 0.3895, 0.3576** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.5524, 0.2578, 0.2981**, and the grayscale version is **46.4727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5338, 0.3541, 0.3546**, and **21.2673, 0.4110, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **39.4274, 0.4197, 0.3654**, and if you desaturate by 10%, it is **52.3530, 0.3635, 0.3494**.

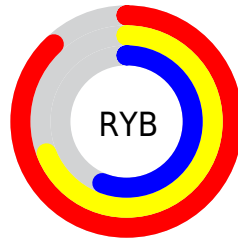
Distribution



Red (88%)

Green (65%)

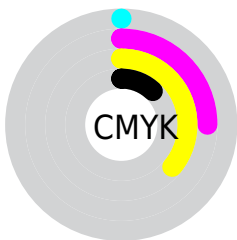
Blue (56%)



Red (88%)

Yellow (69%)

Blue (56%)

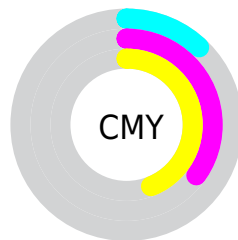


Cyan (0%)

Magenta (25%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4679, 0.3895, 0.3576 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 45.4679, 0.3895, 0.3576 by changing the saturation by 10% instead.


 45.4679, 0.3895,
0.3576


 45.4679, 0.3895,
0.3576


368.6653, 0.3506,
0.3445

 31.8261, 0.3993,
0.3605


 83.4221, 0.3753,
0.3531

 21.2287, 0.4118,
0.3639


 108.5033, 0.3700,
0.3513

 13.2913, 0.4284,
0.3679


138.1665, 0.3655,
0.3498

 7.6294, 0.4514,
0.3726

172.7960, 0.3617,
0.3485

 3.8588, 0.4848,
0.3773

212.7762, 0.3584,
0.3473

 1.5949, 0.5640,
0.3985

258.4916, 0.3555,

 0.3541, 0.6857,

0.3462

0.3143

310.3265, 0.3529,
0.3453

0.0000, 0.0000,
0.0000

45.4679, 0.3895,
0.3576

45.4679, 0.3895,
0.3576

39.4274, 0.4197,
0.3654

52.3530, 0.3635,
0.3494

34.1916, 0.4537,
0.3721

60.1076, 0.3413,
0.3413

29.7270, 0.4905,
0.3765

68.7636, 0.3227,
0.3335

25.9949, 0.5278,
0.3775

78.3493, 0.3070,
0.3263

22.9529, 0.5622,
0.3741

88.8902, 0.2939,
0.3197

■ 20.5530, 0.5901,
0.3660

■ 94.5917, 0.2941,
0.3289

■ 19.7856, 0.5992,
0.3624

Harmonies

Analogous

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



45.4679, 0.3767, 0.3263



45.4679, 0.3895, 0.3576



45.4679, 0.3801, 0.3842

Triad

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



45.4679, 0.3895, 0.3576



45.4679, 0.2785, 0.3639



45.4679, 0.2714, 0.2666

Complementary

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



45.4679, 0.3895, 0.3576



52.5524, 0.2578, 0.2981

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.



45.4679, 0.2483, 0.2721



45.4679, 0.3895, 0.3576



45.4679, 0.2521, 0.3267

Square

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



45.4679, 0.3895, 0.3576



45.4679, 0.3150, 0.3910



45.4679, 0.2415, 0.2931



45.4679, 0.3066, 0.2758

Rectangle

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



45.4679, 0.3895, 0.3576



45.4679, 0.3632, 0.3952



45.4679, 0.2415, 0.2931



45.4679, 0.2621, 0.2667

Sweetspot

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



45.4701, 0.3895, 0.3576



86.3654, 0.3315, 0.3373



39.7197, 0.3383, 0.2628



18.1486, 0.3340, 0.3383



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.



45.4701, 0.3895, 0.3576



55.0804, 0.4106, 0.3633



62.2061, 0.3734, 0.4012



14.3585, 0.3285, 0.3360



11.6880, 0.5965, 0.3646



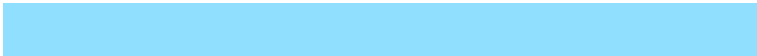
0.9628, 0.5661, 0.3887

Inverse Universe

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



52.5524, 0.2578, 0.2981



65.8014, 0.2478, 0.2909



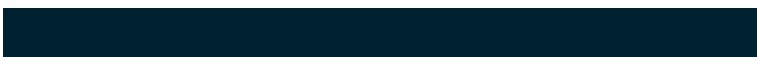
36.5610, 0.2503, 0.2443



14.8512, 0.2982, 0.3219



17.5136, 0.1972, 0.2299



1.3673, 0.2020, 0.2470

Previews

White Background



This preview shows how the Yxy color 45.4679, 0.3895, 0.3576 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 45.4679, 0.3895, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

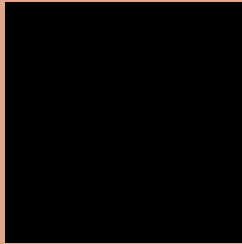
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4679, 0.3895, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 45.4679, 0.3895, 0.3576.



This preview shows how white text looks on a background with the Yxy color 45.4679, 0.3895, 0.3576.

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

45.4679, 0.3895, 0.3576

Protanopia

45.7596, 0.3473, 0.3698

Deuteranopia

45.5418, 0.3746, 0.3676



Tritanopia

45.2667, 0.3631, 0.3140

Trichromacy



Original Color

45.4679, 0.3895, 0.3576

Protanomaly

45.3231, 0.3618, 0.3647

Deuteranomaly

45.5259, 0.3801, 0.3646

Tritanomaly

45.3640, 0.3732, 0.3304

Monochromacy



Original Color

45.4679, 0.3895, 0.3576

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.7110, 0.3392, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4679, 0.3895, 0.3576 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(224, 167, 143)` looks like.

```
.text, #text, p{  
    color:rgb(224, 167, 143)  
}
```

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(224, 167, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 167, 143) }
```

Border

The CSS property to change the border of an element to Yxy 45.4679, 0.3895, 0.3576 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(224, 167, 143) }
```

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

```
.border{ border-color:rgb(224, 167, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 167, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 167, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 167, 143);  
box-shadow:4px 4px 4px 4px rgb(224, 167,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4679, 0.3895, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 167, 143) }
```

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

```
.background{ background-color: rgb(224,  
167, 143) }
```

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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