

Converting Colors

$Yxy(45.5847, 0.3842, 0.3448)$

Have a look what the booklet for
Yxy(45.5847, 0.3842, 0.3448)
contains.

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Color

Yxy(45.5082, 0.3845, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	E3A598
RGB	227, 165, 152
RGB Percent	89%, 65%, 60%
CMY	0.1097, 0.3530, 0.4038
CMYK	0.00, 0.27, 0.33, 0.11
HSL	10°, 57%, 74%
HSV	10°, 33%, 89%
XYZ	50.8069, 45.5082, 35.8225
YIQ	182.0560, 41.1250, 9.1010

Conversions

Conversions Part 2

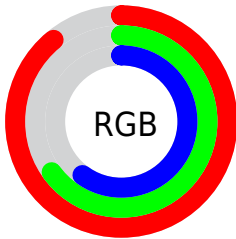
Format	Color
R _Y B	227, 168, 152
Decimal	14919064
CIE Lab	73.23, 21.20, 15.77
CIE LCh	73, 26.417, 36.647
Yxy	45.5082, 0.3845, 0.3444
Android (android.graphics.Color)	4293109144 (0xFFE3A598)
YUV	182.0560, -14.8176, 39.4159
Hunter-Lab	67.4598, 16.3816, 15.7376

Details

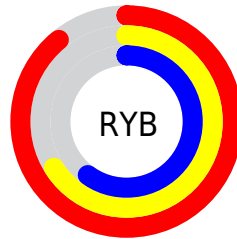
The Yxy color **45.5082, 0.3845, 0.3444** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.3423, 0.2638, 0.3129**, and the grayscale version is **46.8790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9026, 0.3481, 0.3433**, and **21.2959, 0.4055, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **38.5531, 0.4164, 0.3491**, and if you desaturate by 10%, it is **53.6042, 0.3578, 0.3395**.

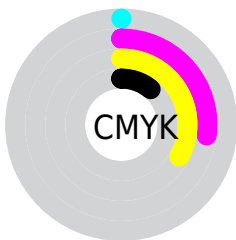
Distribution



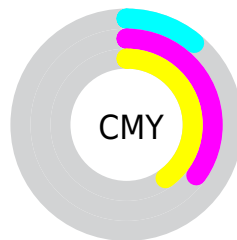
- Red (89%)
- Green (65%)
- Blue (60%)



- Red (89%)
- Yellow (66%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5082, 0.3845, 0.3444 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 45.5082, 0.3845, 0.3444 by changing the saturation by 10% instead.


 45.5082, 0.3845,
0.3444

 45.5082, 0.3845,
0.3444


368.8279, 0.3481,
0.3377

 31.8579, 0.3937,
0.3457


 83.4825, 0.3712,
0.3422

 21.2530, 0.4055,
0.3473


 108.5753, 0.3662,
0.3413

 13.3091, 0.4213,
0.3490


138.2510, 0.3620,
0.3405

 7.6417, 0.4434,
0.3506


172.8941, 0.3584,
0.3398

 3.8666, 0.4760,
0.3514

212.8890, 0.3553,
0.3392

 1.5992, 0.5368,
0.3542

258.6199, 0.3526,

 0.3571, 0.7059,

0.3386

0.2941

310.4715, 0.3502,
0.3381

0.0000, 0.0000,
0.0000

45.5082, 0.3845,
0.3444

45.5082, 0.3845,
0.3444

38.5531, 0.4164,
0.3491

53.6042, 0.3578,
0.3395

32.6813, 0.4534,
0.3531

62.8828, 0.3357,
0.3348

27.8395, 0.4947,
0.3557

73.3913, 0.3176,
0.3303

23.9675, 0.5375,
0.3561

85.1725, 0.3026,
0.3262

20.9986, 0.5773,
0.3534

95.0738, 0.2958,
0.3290

■ 18.8573, 0.6086,
0.3475

■ 17.8021, 0.6241,
0.3427

Harmonies

Analogous

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



45.5082, 0.3639, 0.3141



45.5082, 0.3845, 0.3444



45.5082, 0.3843, 0.3730

Triad

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



45.5082, 0.3845, 0.3444



45.5082, 0.2936, 0.3755



45.5082, 0.2617, 0.2688

Complementary

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



45.5082, 0.3845, 0.3444



60.3423, 0.2638, 0.3129

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.



45.5082, 0.2455, 0.2806



45.5082, 0.3845, 0.3444



45.5082, 0.2630, 0.3420

Square

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



45.5082, 0.3845, 0.3444



45.5082, 0.3305, 0.3943



45.5082, 0.2459, 0.3067



45.5082, 0.2917, 0.2720

Rectangle

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



45.5082, 0.3845, 0.3444



45.5082, 0.3727, 0.3874



45.5082, 0.2459, 0.3067



45.5082, 0.2545, 0.2711

Sweetspot

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



45.5104, 0.3845, 0.3444



85.7396, 0.3299, 0.3334



43.6803, 0.3275, 0.2595



17.9512, 0.3327, 0.3341



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.



45.5104, 0.3845, 0.3444



52.5502, 0.4070, 0.3478



60.8522, 0.3708, 0.3858



14.7688, 0.3288, 0.3331



10.4975, 0.6220, 0.3443



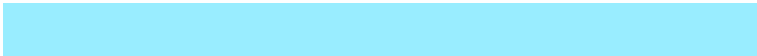
0.8953, 0.5958, 0.3651

Inverse Universe

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



60.3423, 0.2638, 0.3129



74.7688, 0.2543, 0.3088



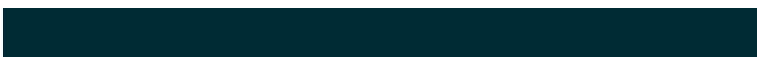
43.6784, 0.2577, 0.2646



15.8899, 0.2981, 0.3248



24.2979, 0.2092, 0.2730



1.9077, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 45.5082, 0.3845, 0.3444 looks on a white background.

Color Contrast Check

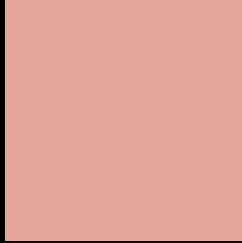
Large Text (above 18pt) WCAG AA × Fail

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 45.5082, 0.3845, 0.3444 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 45.5082, 0.3845, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 45.5082, 0.3845, 0.3444.



This preview shows how white text looks on a background with the Yxy color 45.5082, 0.3845, 0.3444.

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

45.5082, 0.3845, 0.3444

Protanopia

45.8371, 0.3371, 0.3567

Deuteranopia

45.4990, 0.3654, 0.3578



Tritanopia

45.5547, 0.3660, 0.3153

Trichromacy



Original Color

45.5082, 0.3845, 0.3444

Protanomaly

45.6168, 0.3537, 0.3532

Deuteranomaly

45.4309, 0.3722, 0.3524

Tritanomaly

45.4415, 0.3725, 0.3257

Monochromacy



Original Color

45.5082, 0.3845, 0.3444

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9967, 0.3366, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5082, 0.3845, 0.3444 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(227, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(227, 165, 152)  
}
```

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(227, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 165, 152) }
```

Border

The CSS property to change the border of an element to Yxy 45.5082, 0.3845, 0.3444 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(227, 165, 152) }
```

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

```
.border{ border-color:rgb(227, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(227, 165,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5082, 0.3845, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 165, 152) }
```

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

```
.background{ background-color: rgb(227,  
165, 152) }
```

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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