

Converting Colors

$Yxy(44.8218, 0.3719, 0.3244)$

Have a look what the booklet for
Yxy(44.8218, 0.3719, 0.3244)
contains.

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Color

Yxy(44.9247, 0.3719, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E3A2A6
RGB	227, 162, 166
RGB Percent	89%, 64%, 65%
CMY	0.1097, 0.3647, 0.3490
CMYK	0.00, 0.29, 0.27, 0.11
HSL	356°, 54%, 76%
HSV	356°, 29%, 89%
XYZ	51.4869, 44.9247, 42.0312
YIQ	181.8910, 37.4560, 15.0240

Conversions

Conversions Part 2

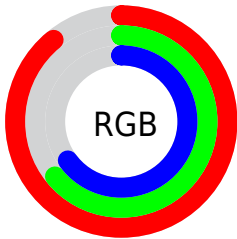
Format	Color
R _Y B	227, 162, 166
Decimal	14918310
CIE Lab	72.84, 24.65, 7.55
CIE LCh	73, 25.779, 17.034
Yxy	44.9247, 0.3719, 0.3245
Android (android.graphics.Color)	4293108390 (0xFFE3A2A6)
YUV	181.8910, -7.8343, 39.5606
Hunter-Lab	67.0259, 19.8220, 9.7380

Details

The Yxy color **44.9247, 0.3719, 0.3245** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.9611, 0.2735, 0.3337**, and the grayscale version is **46.7463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1062, 0.3379, 0.3250**, and **20.9128, 0.3892, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **36.9197, 0.4028, 0.3229**, and if you desaturate by 10%, it is **54.5072, 0.3469, 0.3261**.

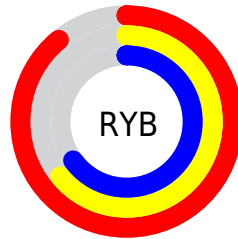
Distribution



Red (89%)

Green (64%)

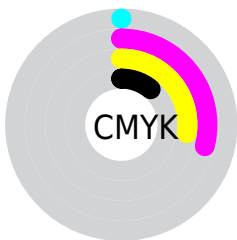
Blue (65%)



Red (89%)

Yellow (64%)

Blue (65%)

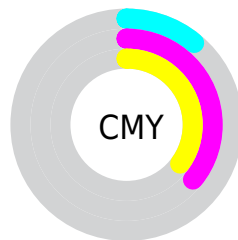


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (11%)



Cyan (11%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9247, 0.3719, 0.3245 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 44.9247, 0.3719, 0.3245 by changing the saturation by 10% instead.


 44.9247, 0.3719,
0.3245

 44.9247, 0.3719,
0.3245


366.4685, 0.3419,
0.3273

 31.3981, 0.3795,
0.3236


 82.6074, 0.3609,
0.3256

 20.9022, 0.3893,
0.3224


 107.5323, 0.3568,
0.3260

 13.0525, 0.4025,
0.3206


137.0255, 0.3533,
0.3263

 7.4647, 0.4211,
0.3178

171.4712, 0.3504,
0.3266

 3.7544, 0.4491,
0.3129

211.2540, 0.3478,
0.3268

 1.5371, 0.4956,
0.3031

256.7582, 0.3456,

 0.3147, 0.7414,

0.3270

0.2586

308.3683, 0.3436,
0.3272

0.0000, 0.0000,
0.0000

44.9247, 0.3719,
0.3245

44.9247, 0.3719,
0.3245

36.9197, 0.4028,
0.3229

54.5072, 0.3469,
0.3261

30.4018, 0.4400,
0.3216

65.7386, 0.3268,
0.3277

25.2812, 0.4831,
0.3207

78.6938, 0.3107,
0.3292

21.4556, 0.5296,
0.3207

93.4411, 0.2978,
0.3305

18.8091, 0.5744,
0.3219

95.0748, 0.2958,
0.3290

■ 17.2049, 0.6106,
0.3242

■ 16.4416, 0.6328,
0.3270

■ 16.3664, 0.6349,
0.3271

Harmonies

Analogous

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



44.9247, 0.3416, 0.2970



44.9247, 0.3719, 0.3245



44.9247, 0.3854, 0.3544

Triad

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



44.9247, 0.3719, 0.3245



44.9247, 0.3175, 0.3888



44.9247, 0.2505, 0.2758

Complementary

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



44.9247, 0.3719, 0.3245



67.9611, 0.2735, 0.3337

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.



44.9247, 0.2451, 0.2969



44.9247, 0.3719, 0.3245



44.9247, 0.2824, 0.3642

Square

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



44.9247, 0.3719, 0.3245



44.9247, 0.3527, 0.3939



44.9247, 0.2564, 0.3293



44.9247, 0.2715, 0.2694

Rectangle

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



44.9247, 0.3719, 0.3245



44.9247, 0.3827, 0.3725



44.9247, 0.2564, 0.3293



44.9247, 0.2468, 0.2813

Sweetspot

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



44.9268, 0.3719, 0.3245



84.9110, 0.3276, 0.3277



47.0250, 0.3123, 0.2571



17.6896, 0.3302, 0.3274



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.



44.9268, 0.3719, 0.3245



52.4179, 0.3883, 0.3236



55.8458, 0.3668, 0.3615



14.3823, 0.3283, 0.3276



9.5483, 0.6333, 0.3263



0.7107, 0.6151, 0.3162

Inverse Universe

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



44.9268, 0.3719, 0.3245



52.4179, 0.3883, 0.3236



54.0038, 0.2676, 0.2940



14.3823, 0.3283, 0.3276



9.5483, 0.6333, 0.3263



0.7107, 0.6151, 0.3162

Previews

White Background



This preview shows how the Yxy color 44.9247, 0.3719, 0.3245 looks on a white background.

Color Contrast Check

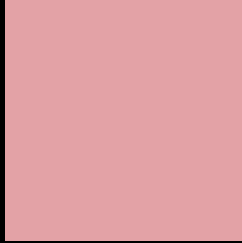
Large Text (above 18pt) WCAG AA × Fail

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 44.9247, 0.3719, 0.3245 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 44.9247, 0.3719, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 44.9247, 0.3719, 0.3245.



This preview shows how white text looks on a background with the Yxy color 44.9247, 0.3719, 0.3245.

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

44.9247, 0.3719, 0.3245

Protanopia

45.0032, 0.3195, 0.3330

Deuteranopia

45.1240, 0.3471, 0.3405



Tritanopia

45.0008, 0.3663, 0.3152

Trichromacy



Original Color

44.9247, 0.3719, 0.3245

Protanomaly

44.6257, 0.3374, 0.3291

Deuteranomaly

44.9414, 0.3556, 0.3340

Tritanomaly

44.8860, 0.3692, 0.3187

Monochromacy



Original Color

44.9247, 0.3719, 0.3245

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8003, 0.3325, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9247, 0.3719, 0.3245 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, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 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(227, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.9247, 0.3719, 0.3245 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, 162, 166) }
```

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

```
.border{ border-color:rgb(227, 162, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 162, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9247, 0.3719, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 166) }
```

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

```
.background{ background-color: rgb(227,  
162, 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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