

Converting Colors

$Yxy(42.8824, 0.3771, 0.3192)$

Have a look what the booklet for
Yxy(42.8824, 0.3771, 0.3192)
contains.

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Color

Yxy(42.9513, 0.3767, 0.3199)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E49CA4 |
| RGB | 228, 156, 164 |
| RGB Percent | 89%, 61%, 64% |
| CMY | 0.1060, 0.3882, 0.3569 |
| CMYK | 0.00, 0.32, 0.28, 0.11 |
| HSL | 353°, 57%, 75% |
| HSV | 353°, 32%, 89% |
| XYZ | 50.5775, 42.9513, 40.7359 |
| YIQ | 178.4400, 40.3440, 17.7520 |

Conversions

Conversions Part 2

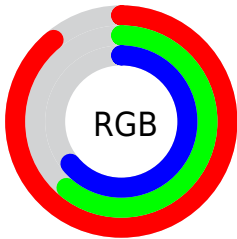
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 228, 156, 164 |
| Decimal | 14982308 |
| CIE Lab | 71.52, 27.93, 6.79 |
| CIE LCh | 72, 28.739, 13.660 |
| Yxy | 42.9513, 0.3767, 0.3199 |
| Android (android.graphics.Color) | 4293172388 (0xFFE49CA4) |
| YUV | 178.4400, -7.1189, 43.4641 |
| Hunter-Lab | 65.5372, 23.0650, 9.0232 |

Details

The Yxy color **42.9513, 0.3767, 0.3199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.7133, 0.2718, 0.3385**, and the grayscale version is **44.7890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9630, 0.3402, 0.3210**, and **19.7284, 0.3964, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **35.3307, 0.4075, 0.3170**, and if you desaturate by 10%, it is **52.1287, 0.3515, 0.3229**.

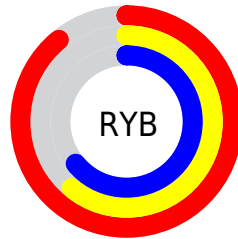
Distribution



Red (89%)

Green (61%)

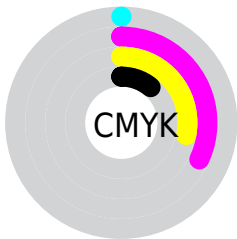
Blue (64%)



Red (89%)

Yellow (61%)

Blue (64%)

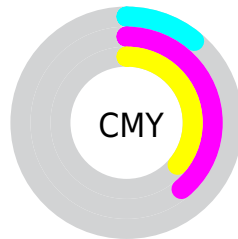


Cyan (0%)

Magenta (32%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9513, 0.3767, 0.3199 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 42.9513, 0.3767, 0.3199 by changing the saturation by 10% instead.

 42.9513, 0.3767,
0.3199


 42.9513, 0.3767,
0.3199


358.4115, 0.3440,
0.3251

 29.8469, 0.3851,
0.3184


 79.6374, 0.3647,
0.3219

 19.7224, 0.3959,
0.3164


 103.9878, 0.3602,
0.3226

 12.1934, 0.4105,
0.3135

132.8558, 0.3565,
0.3232

 6.8756, 0.4311,
0.3092

166.6256, 0.3532,
0.3237

 3.3844, 0.4626,
0.3018

205.6817, 0.3505,
0.3241

 1.3356, 0.5155,
0.2876

250.4084, 0.3480,

 0.1685, 0.8332,

0.3245

0.1668

301.1902, 0.3459,
0.3248

0.0000, 0.0000,
0.0000

42.9513, 0.3767,
0.3199

42.9513, 0.3767,
0.3199

35.3307, 0.4075,
0.3170

52.1287, 0.3515,
0.3229

29.1747, 0.4445,
0.3146

62.9361, 0.3312,
0.3258

24.3909, 0.4867,
0.3132

75.4495, 0.3150,
0.3286

20.8739, 0.5318,
0.3133

89.7384, 0.3019,
0.3311

18.5029, 0.5747,
0.3155

95.2305, 0.2964,
0.3290

■ 17.1336, 0.6092,
0.3197

■ 16.5616, 0.6287,
0.3237

Harmonies

Analogous

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



42.9513, 0.3406, 0.2900



42.9513, 0.3767, 0.3199



42.9513, 0.3945, 0.3534

Triad

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



42.9513, 0.3767, 0.3199



42.9513, 0.3225, 0.3990



42.9513, 0.2412, 0.2708

Complementary

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



42.9513, 0.3767, 0.3199



67.7133, 0.2718, 0.3385

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.



42.9513, 0.2373, 0.2959



42.9513, 0.3767, 0.3199



42.9513, 0.2824, 0.3731

Square

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



42.9513, 0.3767, 0.3199



42.9513, 0.3616, 0.4017



42.9513, 0.2518, 0.3337



42.9513, 0.2628, 0.2621

Rectangle

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



42.9513, 0.3767, 0.3199



42.9513, 0.3931, 0.3744



42.9513, 0.2518, 0.3337



42.9513, 0.2379, 0.2775

Sweetspot

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



42.9533, 0.3767, 0.3199



84.9758, 0.3268, 0.3265



44.5343, 0.3090, 0.2490



17.7055, 0.3294, 0.3261



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.



42.9533, 0.3767, 0.3199



48.6056, 0.3966, 0.3180



53.0079, 0.3749, 0.3610



14.3938, 0.3275, 0.3264



9.5738, 0.6264, 0.3225



0.7162, 0.5969, 0.3062

Inverse Universe

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



42.9533, 0.3767, 0.3199



48.6056, 0.3966, 0.3180



54.1614, 0.2635, 0.2945



14.3938, 0.3275, 0.3264



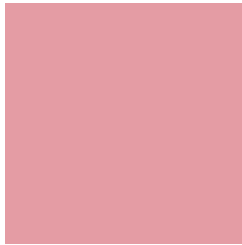
9.5738, 0.6264, 0.3225



0.7162, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 42.9513, 0.3767, 0.3199 looks on a white background.

Color Contrast Check

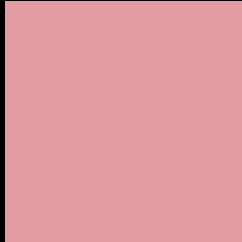
Large Text (above 18pt) WCAG AA × Fail

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 42.9513, 0.3767, 0.3199 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 42.9513, 0.3767, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 42.9513, 0.3767, 0.3199.



This preview shows how white text looks on a background with the Yxy color 42.9513, 0.3767, 0.3199.

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

42.9513, 0.3767, 0.3199

Protanopia

43.2996, 0.3171, 0.3304

Deuteranopia

42.9903, 0.3460, 0.3381



Tritanopia

42.7267, 0.3740, 0.3152

Trichromacy



Original Color

42.9513, 0.3767, 0.3199

Protanomaly

42.7779, 0.3380, 0.3265

Deuteranomaly

42.7506, 0.3569, 0.3304

Tritanomaly

42.6898, 0.3750, 0.3164

Monochromacy



Original Color

42.9513, 0.3767, 0.3199

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.5023, 0.3340, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9513, 0.3767, 0.3199 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(228, 156, 164)` looks like.

```
.text, #text, p{  
    color:rgb(228, 156, 164)  
}
```

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(228, 156, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 156, 164) }
```

Border

The CSS property to change the border of an element to Yxy 42.9513, 0.3767, 0.3199 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(228, 156, 164) }
```

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

```
.border{ border-color:rgb(228, 156, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 156, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 156, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 156, 164);  
box-shadow:4px 4px 4px 4px rgb(228, 156,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9513, 0.3767, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 156, 164) }
```

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

```
.background{ background-color: rgb(228,  
156, 164) }
```

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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