

Converting Colors

$Yxy(46.6762, 0.3644, 0.3224)$

Have a look what the booklet for
Yxy(46.6762, 0.3644, 0.3224)
contains.

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Color

Yxy(46.5819, 0.3649, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	E3A6AC
RGB	227, 166, 172
RGB Percent	89%, 65%, 67%
CMY	0.1099, 0.3490, 0.3255
CMYK	0.00, 0.27, 0.24, 0.11
HSL	354°, 52%, 77%
HSV	354°, 27%, 89%
XYZ	52.7552, 46.5819, 45.2374
YIQ	184.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

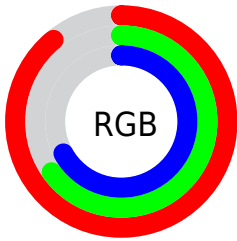
Format	Color
R _Y B	227, 166, 172
Decimal	14919340
CIE Lab	73.92, 23.32, 5.80
CIE LCh	74, 24.027, 13.970
Yxy	46.5819, 0.3649, 0.3222
Android (android.graphics.Color)	4293109420 (0xFFE3A6AC)
YUV	184.9230, -6.3710, 36.9015
Hunter-Lab	68.2509, 18.5342, 8.4777

Details

The Yxy color **46.5819, 0.3649, 0.3222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.2548, 0.2769, 0.3360**, and the grayscale version is **48.4930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5190, 0.3331, 0.3231**, and **21.9367, 0.3790, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **38.3194, 0.3934, 0.3196**, and if you desaturate by 10%, it is **56.4261, 0.3418, 0.3248**.

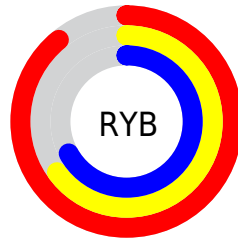
Distribution



Red (89%)

Green (65%)

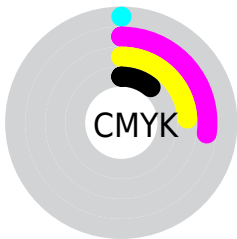
Blue (67%)



Red (89%)

Yellow (65%)

Blue (67%)

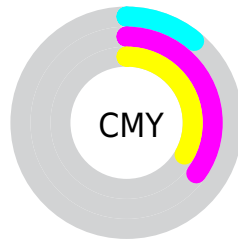


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5819, 0.3649, 0.3222 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 46.5819, 0.3649, 0.3222 by changing the saturation by 10% instead.

 46.5819, 0.3649,
0.3222


 46.5819, 0.3649,
0.3222

373.1432, 0.3386,
0.3260

 32.7053, 0.3715,
0.3211


 85.0892, 0.3553,
0.3237

 21.9007, 0.3800,
0.3197


 110.4886, 0.3517,
0.3242

 13.7840, 0.3914,
0.3177


140.4978, 0.3487,
0.3246

 7.9706, 0.4073,
0.3147

175.5011, 0.3461,
0.3250

 4.0761, 0.4311,
0.3098

215.8828, 0.3439,
0.3253

 1.7162, 0.4705,
0.3007

262.0275, 0.3419,

 0.4341, 0.6638,

0.3255

0.2912

314.3195, 0.3402,
0.3258

0.0000, 0.0000,
0.0000

46.5819, 0.3649,
0.3222

46.5819, 0.3649,
0.3222

38.3194, 0.3934,
0.3196

56.4261, 0.3418,
0.3248

31.5501, 0.4280,
0.3172

67.9217, 0.3233,
0.3274

26.1867, 0.4685,
0.3155

81.1421, 0.3084,
0.3297

22.1301, 0.5132,
0.3150

94.9954, 0.2964,
0.3301

19.2682, 0.5582,
0.3162

95.0672, 0.2958,
0.3290

■ 17.4703, 0.5973,
0.3192

■ 16.5692, 0.6244,
0.3237

■ 16.3861, 0.6305,
0.3247

Harmonies

Analogous

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



46.5819, 0.3360, 0.2971



46.5819, 0.3649, 0.3222



46.5819, 0.3792, 0.3500

Triad

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



46.5819, 0.3649, 0.3222



46.5819, 0.3208, 0.3851



46.5819, 0.2539, 0.2814

Complementary

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



46.5819, 0.3649, 0.3222



68.2548, 0.2769, 0.3360

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.



46.5819, 0.2505, 0.3023



46.5819, 0.3649, 0.3222



46.5819, 0.2879, 0.3642

Square

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



46.5819, 0.3649, 0.3222



46.5819, 0.3526, 0.3882



46.5819, 0.2626, 0.3328



46.5819, 0.2722, 0.2739

Rectangle

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



46.5819, 0.3649, 0.3222



46.5819, 0.3781, 0.3670



46.5819, 0.2626, 0.3328



46.5819, 0.2511, 0.2869

Sweetspot

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



46.5841, 0.3649, 0.3222



86.5390, 0.3253, 0.3271



48.1768, 0.3107, 0.2613



18.0160, 0.3279, 0.3267



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.



46.5841, 0.3649, 0.3222



54.6535, 0.3794, 0.3208



56.0818, 0.3633, 0.3571



14.3908, 0.3277, 0.3267



9.5663, 0.6285, 0.3236



0.7148, 0.6014, 0.3087

Inverse Universe

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



46.5841, 0.3649, 0.3222



54.6535, 0.3794, 0.3208



56.1734, 0.2707, 0.2990



14.3908, 0.3277, 0.3267



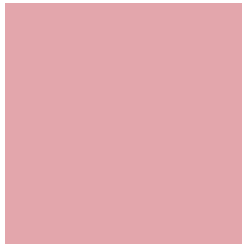
9.5663, 0.6285, 0.3236



0.7148, 0.6014, 0.3087

Previews

White Background



This preview shows how the Yxy color 46.5819, 0.3649, 0.3222 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 46.5819, 0.3649, 0.3222 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 46.5819, 0.3649, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 46.5819, 0.3649, 0.3222.



This preview shows how white text looks on a background with the Yxy color 46.5819, 0.3649, 0.3222.

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

46.5819, 0.3649, 0.3222

Protanopia

46.7821, 0.3178, 0.3303

Deuteranopia

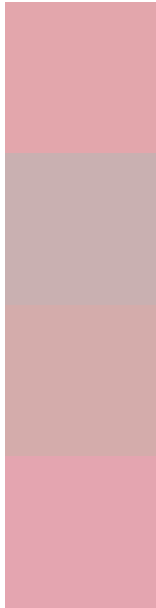
46.7903, 0.3430, 0.3366



Tritanopia

46.6186, 0.3604, 0.3141

Trichromacy



Original Color

46.5819, 0.3649, 0.3222

Protanomaly

46.6425, 0.3342, 0.3278

Deuteranomaly

46.4424, 0.3503, 0.3303

Tritanomaly

46.5388, 0.3623, 0.3164

Monochromacy



Original Color

46.5819, 0.3649, 0.3222

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.4154, 0.3304, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5819, 0.3649, 0.3222 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, 166, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 166, 172)  
}
```

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, 166, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 166, 172) }
```

Border

The CSS property to change the border of an element to Yxy 46.5819, 0.3649, 0.3222 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, 166, 172) }
```

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

```
.border{ border-color:rgb(227, 166, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 166, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 166, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 166, 172);  
box-shadow:4px 4px 4px 4px rgb(227, 166,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5819, 0.3649, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 166, 172) }
```

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

```
.background{ background-color: rgb(227,  
166, 172) }
```

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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