

Converting Colors

$Y_{xy}(46.8296, 0.3698, 0.3218)$

Have a look what the booklet for
Yxy(46.8296, 0.3698, 0.3218)
contains.

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Color

Yxy(46.8395, 0.3699, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	E7A5AB
RGB	231, 165, 171
RGB Percent	91%, 65%, 67%
CMY	0.0942, 0.3529, 0.3294
CMYK	0.00, 0.29, 0.26, 0.09
HSL	355°, 58%, 78%
HSV	355°, 29%, 91%
XYZ	53.7572, 46.8395, 44.7322
YIQ	185.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

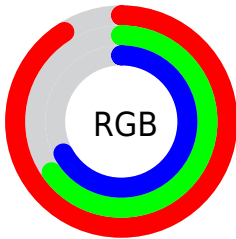
Format	Color
R _Y B	231, 165, 171
Decimal	15181227
CIE Lab	74.09, 25.19, 6.64
CIE LCh	74, 26.049, 14.775
Yxy	46.8395, 0.3699, 0.3223
Android (android.graphics.Color)	4293371307 (0xFFE7A5AB)
YUV	185.4180, -7.1081, 39.9754
Hunter-Lab	68.4394, 20.4376, 9.1554

Details

The Yxy color **46.8395, 0.3699, 0.3223** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.5819, 0.2746, 0.3360**, and the grayscale version is **48.7863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9374, 0.3339, 0.3231**, and **22.1408, 0.3860, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **38.5089, 0.3997, 0.3199**, and if you desaturate by 10%, it is **56.8066, 0.3457, 0.3247**.

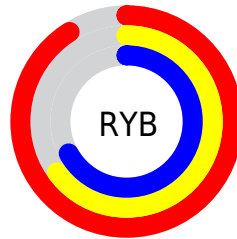
Distribution



Red (91%)

Green (65%)

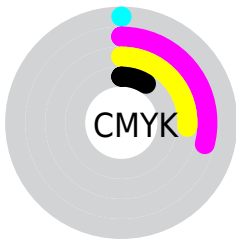
Blue (67%)



Red (91%)

Yellow (65%)

Blue (67%)

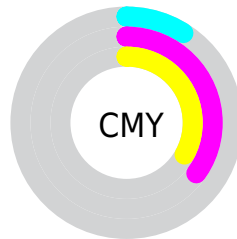


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8395, 0.3699, 0.3223 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 46.8395, 0.3699, 0.3223 by changing the saturation by 10% instead.

 46.8395, 0.3699,
0.3223


 46.8395, 0.3699,
0.3223


374.1735, 0.3411,
0.3261

 32.9088, 0.3771,
0.3212


 85.4740, 0.3594,
0.3238

 22.0566, 0.3864,
0.3197


 110.9466, 0.3555,
0.3243

 13.8985, 0.3988,
0.3176


141.0352, 0.3522,
0.3247

 8.0501, 0.4162,
0.3145

176.1244, 0.3493,
0.3251

 4.1270, 0.4421,
0.3092

216.5984, 0.3469,
0.3254

 1.7449, 0.4846,
0.2993

262.8416, 0.3447,

 0.4525, 0.6884,

0.3257

0.2934

315.2385, 0.3428,
0.3259

0.0000, 0.0000,
0.0000

46.8395, 0.3699,
0.3223

46.8395, 0.3699,
0.3223

38.5089, 0.3997,
0.3199

56.8066, 0.3457,
0.3247

31.7211, 0.4357,
0.3178

68.4841, 0.3263,
0.3271

26.3832, 0.4775,
0.3164

81.9494, 0.3107,
0.3293

22.3895, 0.5230,
0.3162

95.7268, 0.2981,
0.3290

19.6201, 0.5675,
0.3177

■ 17.9336, 0.6047,
0.3208

■ 17.1247, 0.6291,
0.3250

■ 17.0407, 0.6317,
0.3253

Harmonies

Analogous

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



46.8395, 0.3388, 0.2953



46.8395, 0.3699, 0.3223



46.8395, 0.3849, 0.3522

Triad

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



46.8395, 0.3699, 0.3223



46.8395, 0.3203, 0.3896



46.8395, 0.2497, 0.2771

Complementary

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



46.8395, 0.3699, 0.3223



70.5819, 0.2746, 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.



46.8395, 0.2456, 0.2991



46.8395, 0.3699, 0.3223



46.8395, 0.2850, 0.3665

Square

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



46.8395, 0.3699, 0.3223



46.8395, 0.3549, 0.3933



46.8395, 0.2581, 0.3320



46.8395, 0.2696, 0.2696

Rectangle

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



46.8395, 0.3699, 0.3223



46.8395, 0.3832, 0.3705



46.8395, 0.2581, 0.3320



46.8395, 0.2465, 0.2829

Sweetspot

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



46.8417, 0.3699, 0.3223



84.9494, 0.3271, 0.3270



48.5933, 0.3105, 0.2568



17.6990, 0.3297, 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.



46.8417, 0.3699, 0.3223



52.5171, 0.3859, 0.3209



57.1413, 0.3673, 0.3590



14.3891, 0.3278, 0.3269



9.5622, 0.6296, 0.3242



0.7139, 0.6041, 0.3102

Inverse Universe

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



46.8417, 0.3699, 0.3223



52.5171, 0.3859, 0.3209



57.2398, 0.2680, 0.2968



14.3891, 0.3278, 0.3269



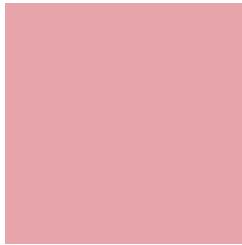
9.5622, 0.6296, 0.3242



0.7139, 0.6041, 0.3102

Previews

White Background



This preview shows how the Yxy color 46.8395, 0.3699, 0.3223 looks on a white background.

Color Contrast Check

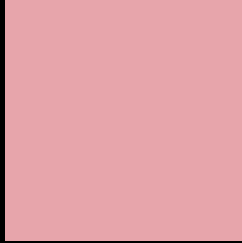
Large Text (above 18pt) WCAG AA × Fail

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 46.8395, 0.3699, 0.3223 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 46.8395, 0.3699, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 46.8395, 0.3699, 0.3223.



This preview shows how white text looks on a background with the Yxy color 46.8395, 0.3699, 0.3223.

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

46.8395, 0.3699, 0.3223

Protanopia

47.1903, 0.3177, 0.3316

Deuteranopia

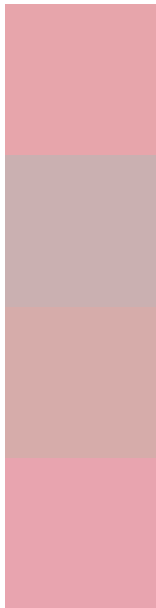
46.8944, 0.3448, 0.3378



Tritanopia

46.8810, 0.3654, 0.3143

Trichromacy



Original Color

46.8395, 0.3699, 0.3223

Protanomaly

46.7815, 0.3351, 0.3278

Deuteranomaly

46.7035, 0.3531, 0.3315

Tritanomaly

46.8019, 0.3673, 0.3166

Monochromacy



Original Color

46.8395, 0.3699, 0.3223

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.6926, 0.3322, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8395, 0.3699, 0.3223 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(231, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 165, 171)  
}
```

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(231, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 165, 171) }
```

Border

The CSS property to change the border of an element to Yxy 46.8395, 0.3699, 0.3223 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(231, 165, 171) }
```

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

```
.border{ border-color:rgb(231, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(231, 165,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8395, 0.3699, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 165, 171) }
```

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

```
.background{ background-color: rgb(231,  
165, 171) }
```

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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