

Converting Colors

$Y_{xy}(44.0725, 0.3664, 0.3114)$

Have a look what the booklet for
Yxy(44.0725, 0.3664, 0.3114)
contains.

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Color

Yxy(44.0037, 0.3661, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	E49EAE
RGB	228, 158, 174
RGB Percent	89%, 62%, 68%
CMY	0.1058, 0.3804, 0.3177
CMYK	0.00, 0.31, 0.24, 0.11
HSL	346°, 56%, 76%
HSV	346°, 31%, 89%
XYZ	51.8666, 44.0037, 45.8029
YIQ	180.7540, 36.5840, 19.8160

Conversions

Conversions Part 2

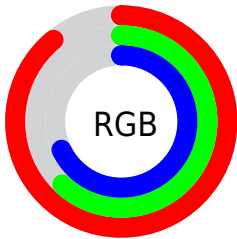
Format	Color
R_{YB}	228, 158, 174
Decimal	14982830
CIE Lab	72.23, 28.28, 2.27
CIE LCh	72, 28.373, 4.581
Yxy	44.0037, 0.3661, 0.3106
Android (android.graphics.Color)	4293172910 (0xFFE49EAE)
YUV	180.7540, -3.3297, 41.4347
Hunter-Lab	66.3353, 23.4797, 5.4964

Details

The Yxy color **44.0037, 0.3661, 0.3106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.5219, 0.2773, 0.3485**, and the grayscale version is **46.0736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5056, 0.3326, 0.3130**, and **20.3711, 0.3810, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **36.2937, 0.3920, 0.3045**, and if you desaturate by 10%, it is **53.2508, 0.3448, 0.3169**.

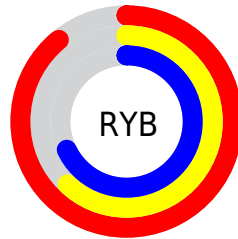
Distribution



Red (89%)

Green (62%)

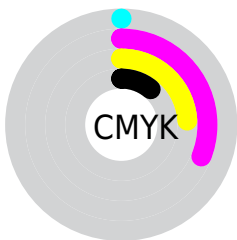
Blue (68%)



Red (89%)

Yellow (62%)

Blue (68%)

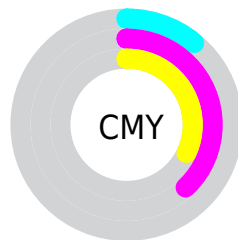


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0037, 0.3661, 0.3106 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 44.0037, 0.3661, 0.3106 by changing the saturation by 10% instead.


 44.0037, 0.3661,
0.3106


 44.0037, 0.3661,
0.3106


362.7234, 0.3391,
0.3201

 30.6734, 0.3729,
0.3082


 81.2233, 0.3562,
0.3141

 20.3503, 0.3818,
0.3050


 105.8814, 0.3525,
0.3154

 12.6499, 0.3937,
0.3007

135.0843, 0.3494,
0.3165

 7.1879, 0.4104,
0.2945

169.2163, 0.3467,
0.3174

 3.5799, 0.4356,
0.2850

208.6618, 0.3444,
0.3182

 1.4415, 0.4779,
0.2686

253.8052, 0.3424,

 0.2470, 0.7219,

0.3189

0.1921

305.0309, 0.3406,
0.3195

0.0000, 0.0000,
0.0000

44.0037, 0.3661,
0.3106

44.0037, 0.3661,
0.3106

36.2937, 0.3920,
0.3045

53.2508, 0.3448,
0.3169

30.0312, 0.4230,
0.2990

64.1059, 0.3276,
0.3229

25.1268, 0.4590,
0.2950

76.6428, 0.3136,
0.3286

21.4786, 0.4985,
0.2935

90.9292, 0.3023,
0.3339

18.9703, 0.5386,
0.2955

95.2375, 0.2964,
0.3290

■ 17.4635, 0.5752,
0.3014

■ 16.7464, 0.6025,
0.3093

Harmonies

Analogous

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



44.0037, 0.3277, 0.2835



44.0037, 0.3661, 0.3106



44.0037, 0.3899, 0.3431

Triad

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



44.0037, 0.3661, 0.3106



44.0037, 0.3346, 0.4008



44.0037, 0.2395, 0.2779

Complementary

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



44.0037, 0.3661, 0.3106



67.5219, 0.2773, 0.3485

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.



44.0037, 0.2412, 0.3069



44.0037, 0.3661, 0.3106



44.0037, 0.2944, 0.3819

Square

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



44.0037, 0.3661, 0.3106



44.0037, 0.3703, 0.3967



44.0037, 0.2606, 0.3458



44.0037, 0.2557, 0.2643

Rectangle

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



44.0037, 0.3661, 0.3106



44.0037, 0.3934, 0.3645



44.0037, 0.2606, 0.3458



44.0037, 0.2380, 0.2860

Sweetspot

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



44.0058, 0.3661, 0.3106



85.1330, 0.3251, 0.3239



44.0048, 0.3021, 0.2495



17.7439, 0.3273, 0.3230



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.



44.0058, 0.3661, 0.3106



50.0137, 0.3824, 0.3066



50.2798, 0.3756, 0.3508



14.4217, 0.3257, 0.3237



9.6829, 0.5990, 0.3073



0.7295, 0.5581, 0.2848

Inverse Universe

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



44.0058, 0.3661, 0.3106



50.0137, 0.3824, 0.3066



58.6433, 0.2660, 0.3059



14.4217, 0.3257, 0.3237



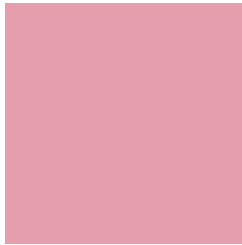
9.6829, 0.5990, 0.3073



0.7295, 0.5581, 0.2848

Previews

White Background



This preview shows how the Yxy color 44.0037, 0.3661, 0.3106 looks on a white background.

Color Contrast Check

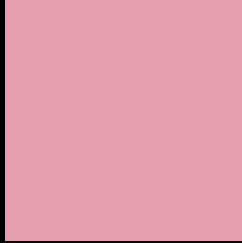
Large Text (above 18pt) WCAG AA × Fail

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 44.0037, 0.3661, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

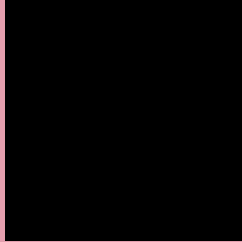
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0037, 0.3661, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 44.0037, 0.3661, 0.3106.



This preview shows how white text looks on a background with the Yxy color 44.0037, 0.3661, 0.3106.

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

44.0037, 0.3661, 0.3106

Protanopia

44.1372, 0.3081, 0.3171

Deuteranopia

44.3539, 0.3355, 0.3291



Tritanopia

44.2305, 0.3688, 0.3152

Trichromacy



Original Color

44.0037, 0.3661, 0.3106

Protanomaly

43.5824, 0.3281, 0.3138

Deuteranomaly

44.0645, 0.3458, 0.3217

Tritanomaly

44.2688, 0.3678, 0.3141

Monochromacy



Original Color

44.0037, 0.3661, 0.3106

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.1073, 0.3310, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0037, 0.3661, 0.3106 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, 158, 174)` looks like.

```
.text, #text, p{  
    color:rgb(228, 158, 174)  
}
```

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, 158, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 158, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.0037, 0.3661, 0.3106 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, 158, 174) }
```

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

```
.border{ border-color:rgb(228, 158, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 158, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 158, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 158, 174);  
box-shadow:4px 4px 4px 4px rgb(228, 158,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0037, 0.3661, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 158, 174) }
```

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

```
.background{ background-color: rgb(228,  
158, 174) }
```

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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