

Converting Colors

$Yxy(47.2139, 0.3689, 0.3156)$

Have a look what the booklet for
Yxy(47.2139, 0.3689, 0.3156)
contains.

Yxy(47.3477, 0.3691, 0.3156)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.3477, 0.3691, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	EBA4B0
RGB	235, 164, 176
RGB Percent	92%, 64%, 69%
CMY	0.0784, 0.3568, 0.3097
CMYK	0.00, 0.30, 0.25, 0.08
HSL	350°, 64%, 78%
HSV	350°, 30%, 92%
XYZ	55.3740, 47.3477, 47.3027
YIQ	186.5970, 38.4640, 18.7840

Conversions

Conversions Part 2

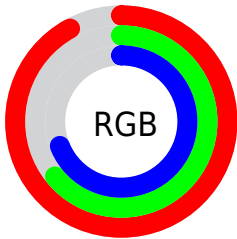
Format	Color
R _Y B	235, 164, 176
Decimal	15443120
CIE Lab	74.41, 27.89, 4.41
CIE LCh	74, 28.240, 8.980
Yxy	47.3477, 0.3691, 0.3156
Android (android.graphics.Color)	4293633200 (0xFFEBA4B0)
YUV	186.5970, -5.2243, 42.4494
Hunter-Lab	68.8097, 23.2295, 7.4083

Details

The Yxy color **47.3477, 0.3691, 0.3156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.6367, 0.2755, 0.3431**, and the grayscale version is **49.4708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7492, 0.3299, 0.3161**, and **22.2891, 0.3851, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **38.9831, 0.3971, 0.3111**, and if you desaturate by 10%, it is **57.3819, 0.3463, 0.3202**.

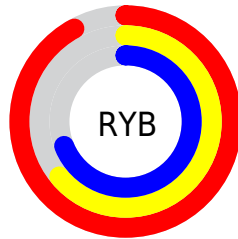
Distribution



Red (92%)

Green (64%)

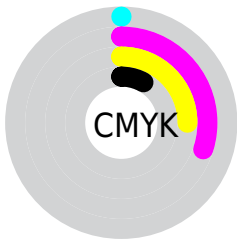
Blue (69%)



Red (92%)

Yellow (64%)

Blue (69%)

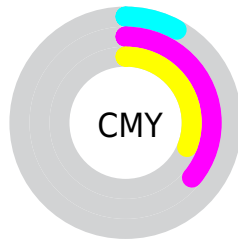


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3477, 0.3691, 0.3156 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 47.3477, 0.3691, 0.3156 by changing the saturation by 10% instead.


 47.3477, 0.3691,
0.3156


 47.3477, 0.3691,
0.3156


376.2007, 0.3408,
0.3226

 33.3106, 0.3762,
0.3138


 86.2324, 0.3588,
0.3182

 22.3645, 0.3852,
0.3113


 111.8488, 0.3550,
0.3192

 14.1250, 0.3973,
0.3081


142.0937, 0.3517,
0.3200

 8.2076, 0.4142,
0.3033

177.3517, 0.3489,
0.3207

 4.2281, 0.4392,
0.2959

218.0069, 0.3465,
0.3213

 1.8020, 0.4800,
0.2831

264.4439, 0.3444,

 0.4884, 0.6243,

0.3218

0.2577

317.0470, 0.3425,
0.3222

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3477, 0.3691,
0.3156

47.3477, 0.3691,
0.3156

38.9831, 0.3971,
0.3111

57.3819, 0.3463,
0.3202

32.1910, 0.4306,
0.3071

69.1625, 0.3278,
0.3247

26.8746, 0.4695,
0.3044

82.7699, 0.3130,
0.3289

22.9234, 0.5120,
0.3036

96.3451, 0.3010,
0.3298

■ 20.2116, 0.5543,
0.3057

■ 96.4022, 0.3005,
0.3290

■ 18.5896, 0.5913,
0.3109

■ 17.8137, 0.6180,
0.3178

Harmonies

Analogous

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



47.3477, 0.3332, 0.2880



47.3477, 0.3691, 0.3156



47.3477, 0.3893, 0.3475

Triad

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



47.3477, 0.3691, 0.3156



47.3477, 0.3283, 0.3973



47.3477, 0.2427, 0.2764

Complementary

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



47.3477, 0.3691, 0.3156



72.6367, 0.2755, 0.3431

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.



47.3477, 0.2418, 0.3027



47.3477, 0.3691, 0.3156



47.3477, 0.2896, 0.3759

Square

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



47.3477, 0.3691, 0.3156



47.3477, 0.3643, 0.3966



47.3477, 0.2583, 0.3396



47.3477, 0.2610, 0.2654

Rectangle

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



47.3477, 0.3691, 0.3156



47.3477, 0.3904, 0.3680



47.3477, 0.2583, 0.3396



47.3477, 0.2404, 0.2836

Sweetspot

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



47.3499, 0.3691, 0.3156



85.0536, 0.3259, 0.3252



48.0778, 0.3053, 0.2514



17.7245, 0.3283, 0.3246



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.



47.3499, 0.3691, 0.3156



50.7693, 0.3851, 0.3129



55.6658, 0.3732, 0.3544



15.0956, 0.3266, 0.3250



9.9268, 0.6149, 0.3161



0.7917, 0.5793, 0.2965

Inverse Universe

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



47.3499, 0.3691, 0.3156



50.7693, 0.3851, 0.3129



61.2376, 0.2662, 0.3020



15.0956, 0.3266, 0.3250



9.9268, 0.6149, 0.3161



0.7917, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 47.3477, 0.3691, 0.3156 looks on a white background.

Color Contrast Check

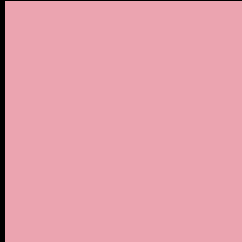
Large Text (above 18pt) WCAG AA × Fail

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 47.3477, 0.3691, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

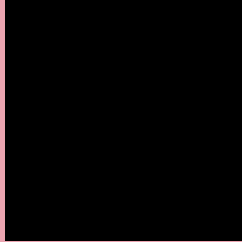
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3477, 0.3691, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 47.3477, 0.3691, 0.3156.



This preview shows how white text looks on a background with the Yxy color 47.3477, 0.3691, 0.3156.

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

47.3477, 0.3691, 0.3156

Protanopia

47.4402, 0.3130, 0.3239

Deuteranopia

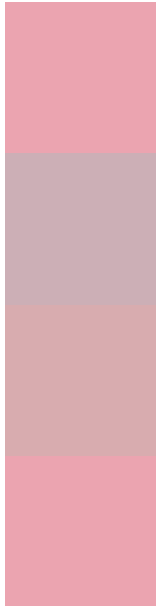
47.4794, 0.3402, 0.3328



Tritanopia

47.3477, 0.3691, 0.3156

Trichromacy



Original Color

47.3477, 0.3691, 0.3156

Protanomaly

46.8747, 0.3327, 0.3204

Deuteranomaly

47.1991, 0.3504, 0.3255

Tritanomaly

47.3477, 0.3691, 0.3156

Monochromacy



Original Color

47.3477, 0.3691, 0.3156

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4965, 0.3313, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3477, 0.3691, 0.3156 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(235, 164, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 164, 176)  
}
```

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(235, 164, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 164, 176) }
```

Border

The CSS property to change the border of an element to Yxy 47.3477, 0.3691, 0.3156 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(235, 164, 176) }
```

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

```
.border{ border-color:rgb(235, 164, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 164, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 164, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 164, 176);  
box-shadow:4px 4px 4px 4px rgb(235, 164,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3477, 0.3691, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 164, 176) }
```

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

```
.background{ background-color: rgb(235,  
164, 176) }
```

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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