

Converting Colors

$Y_{xy}(45.3549, 0.3612, 0.3141)$

Have a look what the booklet for
Yxy(45.3549, 0.3612, 0.3141)
contains.

Yxy(45.4977, 0.3609, 0.3140)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.4977, 0.3609, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	E2A3B0
RGB	226, 163, 176
RGB Percent	89%, 64%, 69%
CMY	0.1138, 0.3607, 0.3098
CMYK	0.00, 0.28, 0.22, 0.11
HSL	348°, 52%, 76%
HSV	348°, 28%, 89%
XYZ	52.2934, 45.4977, 47.1061
YIQ	183.3190, 33.3750, 17.3990

Conversions

Conversions Part 2

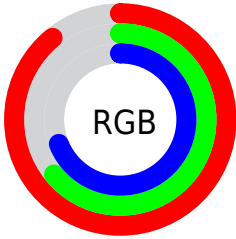
Format	Color
R _Y B	226, 163, 176
Decimal	14853040
CIE Lab	73.22, 25.14, 2.56
CIE LCh	73, 25.274, 5.815
Yxy	45.4977, 0.3609, 0.3140
Android (android.graphics.Color)	4293043120 (0xFFE2A3B0)
YUV	183.3190, -3.6083, 37.4312
Hunter-Lab	67.4520, 20.3444, 5.8104

Details

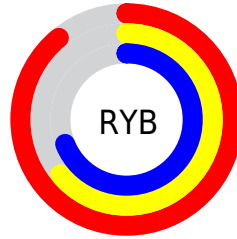
The Yxy color **45.4977, 0.3609, 0.3140** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.9719, 0.2795, 0.3447**, and the grayscale version is **47.5457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2290, 0.3300, 0.3151**, and **21.3702, 0.3748, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **37.5147, 0.3862, 0.3084**, and if you desaturate by 10%, it is **55.0124, 0.3403, 0.3196**.

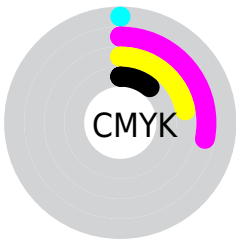
Distribution



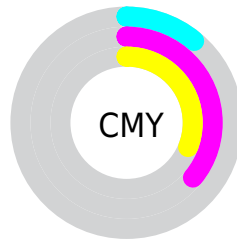
- Red (89%)
- Green (64%)
- Blue (69%)



- Red (89%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4977, 0.3609, 0.3140 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 45.4977, 0.3609, 0.3140 by changing the saturation by 10% instead.


 45.4977, 0.3609,
0.3140

 45.4977, 0.3609,
0.3140


368.7855, 0.3366,
0.3217

 31.8496, 0.3670,
0.3120


 83.4668, 0.3520,
0.3169

 21.2467, 0.3749,
0.3094


 108.5565, 0.3487,
0.3179

 13.3044, 0.3854,
0.3059


138.2290, 0.3459,
0.3188

 7.6385, 0.4002,
0.3009

172.8686, 0.3435,
0.3196

 3.8645, 0.4225,
0.2932

212.8596, 0.3415,
0.3202

 1.5981, 0.4594,
0.2800

258.5865, 0.3396,

 0.3563, 0.6288,

0.3208

0.2340

310.4337, 0.3380,
0.3213

0.0000, 0.0000,
0.0000

45.4977, 0.3609,
0.3140

45.4977, 0.3609,
0.3140

37.5147, 0.3862,
0.3084

55.0124, 0.3403,
0.3196

30.9772, 0.4167,
0.3033

66.1268, 0.3236,
0.3250

25.8000, 0.4524,
0.2993

78.9121, 0.3101,
0.3300

21.8861, 0.4922,
0.2974

93.4336, 0.2991,
0.3347

19.1261, 0.5335,
0.2984

94.9052, 0.2952,
0.3289

■ 17.3913, 0.5720,
0.3031

■ 16.5045, 0.6029,
0.3110

■ 16.3676, 0.6085,
0.3126

Harmonies

Analogous

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



45.4977, 0.3275, 0.2894



45.4977, 0.3609, 0.3140



45.4977, 0.3811, 0.3431

Triad

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



45.4977, 0.3609, 0.3140



45.4977, 0.3308, 0.3915



45.4977, 0.2480, 0.2832

Complementary

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



45.4977, 0.3609, 0.3140



66.9719, 0.2795, 0.3447

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.



45.4977, 0.2489, 0.3086



45.4977, 0.3609, 0.3140



45.4977, 0.2954, 0.3741

Square

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



45.4977, 0.3609, 0.3140



45.4977, 0.3626, 0.3893



45.4977, 0.2657, 0.3425



45.4977, 0.2632, 0.2714

Rectangle

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



45.4977, 0.3609, 0.3140



45.4977, 0.3836, 0.3620



45.4977, 0.2657, 0.3425



45.4977, 0.2465, 0.2903

Sweetspot

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



45.4998, 0.3609, 0.3140



86.6687, 0.3239, 0.3249



45.7363, 0.3043, 0.2573



18.0484, 0.3262, 0.3241



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.



45.4998, 0.3609, 0.3140



53.9696, 0.3738, 0.3110



51.7985, 0.3679, 0.3499



13.7466, 0.3260, 0.3242



9.3536, 0.6050, 0.3106



0.6613, 0.5623, 0.2872

Inverse Universe

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



45.4998, 0.3609, 0.3140



53.9696, 0.3738, 0.3110



58.4571, 0.2701, 0.3070



13.7466, 0.3260, 0.3242



9.3536, 0.6050, 0.3106



0.6613, 0.5623, 0.2872

Previews

White Background



This preview shows how the Yxy color 45.4977, 0.3609, 0.3140 looks on a white background.

Color Contrast Check

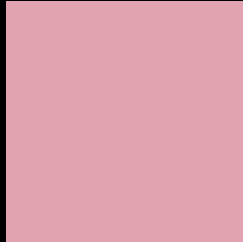
Large Text (above 18pt) WCAG AA × Fail

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 45.4977, 0.3609, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

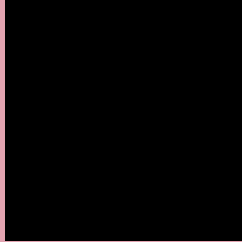
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4977, 0.3609, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 45.4977, 0.3609, 0.3140.



This preview shows how white text looks on a background with the Yxy color 45.4977, 0.3609, 0.3140.

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

45.4977, 0.3609, 0.3140

Protanopia

45.6881, 0.3105, 0.3212

Deuteranopia

45.6075, 0.3362, 0.3291



Tritanopia

45.4977, 0.3609, 0.3140

Trichromacy



Original Color

45.4977, 0.3609, 0.3140

Protanomaly

45.2703, 0.3276, 0.3177

Deuteranomaly

45.3999, 0.3443, 0.3230

Tritanomaly

45.4977, 0.3609, 0.3140

Monochromacy



Original Color

45.4977, 0.3609, 0.3140

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4881, 0.3298, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4977, 0.3609, 0.3140 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(226, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(226, 163, 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(226, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 163, 176) }
```

Border

The CSS property to change the border of an element to Yxy 45.4977, 0.3609, 0.3140 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(226, 163, 176) }
```

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

```
.border{ border-color:rgb(226, 163, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(226, 163,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4977, 0.3609, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 163, 176) }
```

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

```
.background{ background-color: rgb(226,  
163, 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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