

Converting Colors

$Yxy(45.2891, 0.3671, 0.3260)$

Have a look what the booklet for
Yxy(45.2891, 0.3671, 0.3260)
contains.

Yxy(45.1882, 0.3674, 0.3256)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.1882, 0.3674, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	E0A4A7
RGB	224, 164, 167
RGB Percent	88%, 64%, 65%
CMY	0.1216, 0.3568, 0.3450
CMYK	0.00, 0.27, 0.25, 0.12
HSL	357°, 49%, 76%
HSV	357°, 27%, 88%
XYZ	50.9894, 45.1882, 42.6068
YIQ	182.2820, 34.7970, 13.6530

Conversions

Conversions Part 2

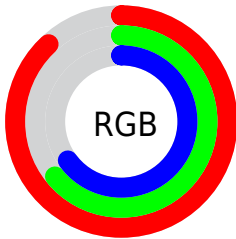
Format	Color
RYB	224, 164, 167
Decimal	14722215
CIELab	73.02, 22.58, 7.19
CIElCh	73, 23.701, 17.658
Yxy	45.1882, 0.3674, 0.3256
Android (android.graphics.Color)	4292912295 (0xFFE0A4A7)
YUV	182.2820, -7.5340, 36.5867
Hunter-Lab	67.2222, 17.7571, 9.4763

Details

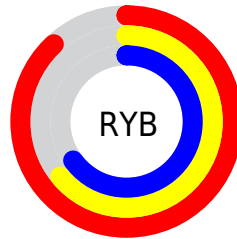
The Yxy color **45.1882, 0.3674, 0.3256** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.4155, 0.2754, 0.3325**, and the grayscale version is **46.9700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1970, 0.3369, 0.3261**, and **21.1510, 0.3842, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **37.1431, 0.3975, 0.3243**, and if you desaturate by 10%, it is **54.7787, 0.3431, 0.3269**.

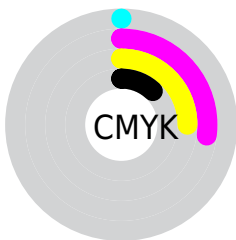
Distribution



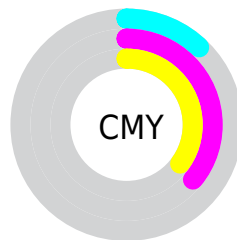
- Red (88%)
- Green (64%)
- Blue (65%)



- Red (88%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (12%)





- Cyan (12%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1882, 0.3674, 0.3256 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 45.1882, 0.3674, 0.3256 by changing the saturation by 10% instead.


 45.1882, 0.3674,
0.3256

 45.1882, 0.3674,
0.3256


367.5352, 0.3397,
0.3278

 31.6057, 0.3744,
0.3249


 83.0028, 0.3573,
0.3265

 21.0605, 0.3835,
0.3239


 108.0036, 0.3535,
0.3268

 13.1682, 0.3956,
0.3225


137.5793, 0.3503,
0.3270

 7.5445, 0.4128,
0.3202

172.1143, 0.3475,
0.3272

 3.8049, 0.4386,
0.3162

211.9930, 0.3452,
0.3274

 1.5650, 0.4816,
0.3079

257.5998, 0.3431,

 0.3339, 0.7224,

0.3276

0.2776

309.3191, 0.3413,
0.3277

0.0000, 0.0000,
0.0000

45.1882, 0.3674,
0.3256

45.1882, 0.3674,
0.3256

37.1431, 0.3975,
0.3243

54.7787, 0.3431,
0.3269

30.5568, 0.4339,
0.3232

65.9828, 0.3236,
0.3282

25.3435, 0.4765,
0.3224

78.8722, 0.3081,
0.3294

21.4065, 0.5230,
0.3223

93.5127, 0.2956,
0.3305

18.6358, 0.5687,
0.3231

94.5849, 0.2940,
0.3289

■ 16.9034, 0.6068,
0.3249

■ 16.0457, 0.6309,
0.3274

■ 15.8697, 0.6359,
0.3277

Harmonies

Analogous

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



45.1882, 0.3399, 0.3000



45.1882, 0.3674, 0.3256



45.1882, 0.3794, 0.3532

Triad

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



45.1882, 0.3674, 0.3256



45.1882, 0.3166, 0.3832



45.1882, 0.2556, 0.2799

Complementary

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



45.1882, 0.3674, 0.3256



66.4155, 0.2754, 0.3325

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.



45.1882, 0.2503, 0.2992



45.1882, 0.3674, 0.3256



45.1882, 0.2844, 0.3606

Square

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



45.1882, 0.3674, 0.3256



45.1882, 0.3490, 0.3886



45.1882, 0.2605, 0.3288



45.1882, 0.2754, 0.2741

Rectangle

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



45.1882, 0.3674, 0.3256



45.1882, 0.3767, 0.3697



45.1882, 0.2605, 0.3288



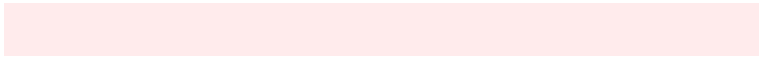
45.1882, 0.2521, 0.2849

Sweetspot

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



45.1903, 0.3674, 0.3256



86.4823, 0.3259, 0.3280



47.1489, 0.3124, 0.2619



18.0019, 0.3287, 0.3278



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.



45.1903, 0.3674, 0.3256



54.4953, 0.3830, 0.3249



55.3520, 0.3625, 0.3593



13.7117, 0.3284, 0.3279



9.2437, 0.6345, 0.3269



0.6447, 0.6185, 0.3181

Inverse Universe

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



45.1903, 0.3674, 0.3256



54.4953, 0.3830, 0.3249



53.6607, 0.2706, 0.2966



13.7117, 0.3284, 0.3279



9.2437, 0.6345, 0.3269



0.6447, 0.6185, 0.3181

Previews

White Background



This preview shows how the Yxy color 45.1882, 0.3674, 0.3256 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 45.1882, 0.3674, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

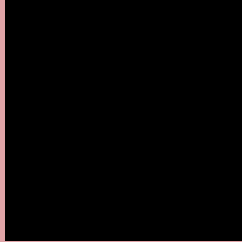
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1882, 0.3674, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 45.1882, 0.3674, 0.3256.



This preview shows how white text looks on a background with the Yxy color 45.1882, 0.3674, 0.3256.

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

45.1882, 0.3674, 0.3256

Protanopia

45.5257, 0.3203, 0.3343

Deuteranopia

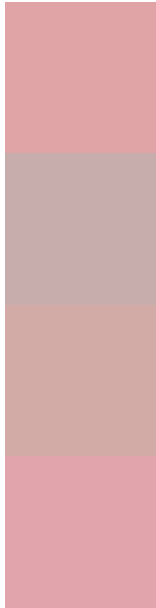
45.1603, 0.3462, 0.3392



Tritanopia

45.2971, 0.3610, 0.3151

Trichromacy



Original Color

45.1882, 0.3674, 0.3256

Protanomaly

45.3928, 0.3370, 0.3316

Deuteranomaly

45.2043, 0.3535, 0.3341

Tritanomaly

45.1805, 0.3638, 0.3186

Monochromacy



Original Color

45.1882, 0.3674, 0.3256

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7046, 0.3307, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1882, 0.3674, 0.3256 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(224, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(224, 164, 167)  
}
```

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(224, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 164, 167) }
```

Border

The CSS property to change the border of an element to Yxy 45.1882, 0.3674, 0.3256 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(224, 164, 167) }
```

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

```
.border{ border-color:rgb(224, 164, 167) }
```

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

Here you see how a box with a 4 pixel rgb(224, 164, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(224, 164,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1882, 0.3674, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 164, 167) }
```

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

```
.background{ background-color: rgb(224,  
164, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor