

Converting Colors

$Y_{xy}(45.4552, 0.3694, 0.3259)$

Have a look what the booklet for
Yxy(45.4552, 0.3694, 0.3259)
contains.

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Color

Yxy(45.5097, 0.3693, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	E2A4A7
RGB	226, 164, 167
RGB Percent	89%, 64%, 65%
CMY	0.1139, 0.3567, 0.3451
CMYK	0.00, 0.27, 0.26, 0.11
HSL	357°, 52%, 76%
HSV	357°, 27%, 89%
XYZ	51.6019, 45.5097, 42.6173
YIQ	182.8800, 35.9890, 14.0770

Conversions

Conversions Part 2

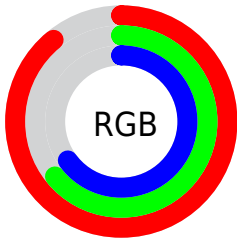
Format	Color
R _Y B	226, 164, 167
Decimal	14853287
CIE Lab	73.23, 23.30, 7.54
CIE LCh	73, 24.486, 17.935
Yxy	45.5097, 0.3693, 0.3257
Android (android.graphics.Color)	4293043367 (0xFFE2A4A7)
YUV	182.8800, -7.8288, 37.8162
Hunter-Lab	67.4609, 18.4809, 9.7671

Details

The Yxy color $45.5097, 0.3693, 0.3257$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67.5886, 0.2745, 0.3324$, and the grayscale version is $47.3135, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.1970, 0.3369, 0.3261$, and $21.2612, 0.3855, 0.3246$ is the 20% darker color. If you saturate the color by 10%, you get $37.3978, 0.3999, 0.3245$, and if you desaturate by 10%, it is $55.1949, 0.3446, 0.3270$.

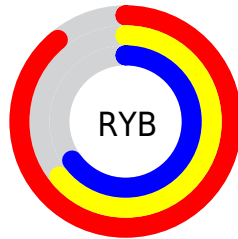
Distribution



Red (89%)

Green (64%)

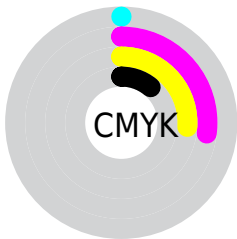
Blue (65%)



Red (89%)

Yellow (64%)

Blue (65%)

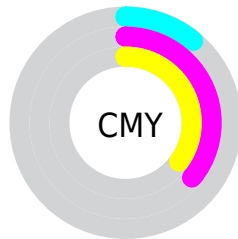


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (11%)



Cyan (11%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5097, 0.3693, 0.3257 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 45.5097, 0.3693, 0.3257 by changing the saturation by 10% instead.


 45.5097, 0.3693,
0.3257

 45.5097, 0.3693,
0.3257

368.8340, 0.3407,
0.3279

 31.8591, 0.3765,
0.3250


 83.4847, 0.3588,
0.3266

 21.2539, 0.3859,
0.3240


 108.5780, 0.3549,
0.3269

 13.3097, 0.3984,
0.3226


138.2542, 0.3516,
0.3271

 7.6422, 0.4160,
0.3202

172.8978, 0.3488,
0.3273

 3.8668, 0.4425,
0.3161

212.8932, 0.3463,
0.3275

 1.5994, 0.4864,
0.3076

258.6247, 0.3442,

 0.3572, 0.7181,

0.3276

0.2819

310.4769, 0.3423,
0.3278

0.0000, 0.0000,
0.0000

45.5097, 0.3693,
0.3257

45.5097, 0.3693,
0.3257

37.3978, 0.3999,
0.3245

55.1949, 0.3446,
0.3270

30.7704, 0.4369,
0.3234

66.5236, 0.3248,
0.3282

25.5392, 0.4799,
0.3228

79.5695, 0.3089,
0.3293

21.6046, 0.5267,
0.3227

94.3997, 0.2962,
0.3303

18.8532, 0.5721,
0.3236

94.9007, 0.2952,
0.3289

■ 17.1524, 0.6093,
0.3254

■ 16.3266, 0.6323,
0.3276

■ 16.1844, 0.6362,
0.3278

Harmonies

Analogous

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



45.5097, 0.3411, 0.2994



45.5097, 0.3693, 0.3257



45.5097, 0.3815, 0.3541

Triad

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



45.5097, 0.3693, 0.3257



45.5097, 0.3163, 0.3849



45.5097, 0.2541, 0.2783

Complementary

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



45.5097, 0.3693, 0.3257



67.5886, 0.2745, 0.3324

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.



45.5097, 0.2485, 0.2980



45.5097, 0.3693, 0.3257



45.5097, 0.2832, 0.3613

Square

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



45.5097, 0.3693, 0.3257



45.5097, 0.3497, 0.3905



45.5097, 0.2588, 0.3284



45.5097, 0.2745, 0.2725

Rectangle

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



45.5097, 0.3693, 0.3257



45.5097, 0.3786, 0.3711



45.5097, 0.2588, 0.3284



45.5097, 0.2505, 0.2834

Sweetspot

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



45.5118, 0.3693, 0.3257



86.4793, 0.3259, 0.3281



47.7146, 0.3132, 0.2604



18.0011, 0.3287, 0.3279



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.



45.5118, 0.3693, 0.3257



53.4192, 0.3863, 0.3250



56.4948, 0.3636, 0.3612



13.7111, 0.3285, 0.3279



9.2427, 0.6348, 0.3270



0.6444, 0.6196, 0.3187

Inverse Universe

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



45.5118, 0.3693, 0.3257



53.4192, 0.3863, 0.3250



53.8114, 0.2695, 0.2944



13.7111, 0.3285, 0.3279



9.2427, 0.6348, 0.3270



0.6444, 0.6196, 0.3187

Previews

White Background



This preview shows how the Yxy color 45.5097, 0.3693, 0.3257 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 45.5097, 0.3693, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

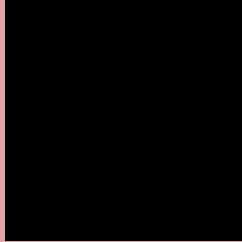
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5097, 0.3693, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 45.5097, 0.3693, 0.3257.



This preview shows how white text looks on a background with the Yxy color 45.5097, 0.3693, 0.3257.

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

45.5097, 0.3693, 0.3257

Protanopia

45.5257, 0.3203, 0.3343

Deuteranopia

45.6852, 0.3469, 0.3404



Tritanopia

45.6204, 0.3628, 0.3152

Trichromacy



Original Color

45.5097, 0.3693, 0.3257

Protanomaly

45.3928, 0.3370, 0.3316

Deuteranomaly

45.3515, 0.3544, 0.3340

Tritanomaly

45.5038, 0.3657, 0.3187

Monochromacy



Original Color

45.5097, 0.3693, 0.3257

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.3671, 0.3324, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5097, 0.3693, 0.3257 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, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 164, 167) }
```

Border

The CSS property to change the border of an element to Yxy 45.5097, 0.3693, 0.3257 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, 164, 167) }
```

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

```
.border{ border-color:rgb(226, 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(226, 164, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(226, 164,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5097, 0.3693, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 164, 167) }
```

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

```
.background{ background-color: rgb(226,  
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](#).

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