

Converting Colors

$Y_{xy}(45.7810, 0.3798, 0.3307)$

Have a look what the booklet for
Yxy(45.7810, 0.3798, 0.3307)
contains.

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Color

Yxy(45.7919, 0.3793, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	E7A3A2
RGB	231, 163, 162
RGB Percent	91%, 64%, 64%
CMY	0.0942, 0.3607, 0.3648
CMYK	0.00, 0.29, 0.30, 0.09
HSL	1°, 59%, 77%
HSV	1°, 30%, 91%
XYZ	52.5692, 45.7919, 40.2342
YIQ	183.2180, 40.8490, 14.1050

Conversions

Conversions Part 2

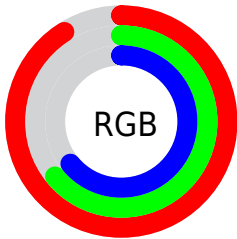
Format	Color
R _Y B	231, 163, 162
Decimal	15180706
CIE Lab	73.41, 25.04, 10.64
CIE LCh	73, 27.202, 23.019
Yxy	45.7919, 0.3793, 0.3304
Android (android.graphics.Color)	4293370786 (0xFFE7A3A2)
YUV	183.2180, -10.4605, 41.9048
Hunter-Lab	67.6697, 20.2457, 12.1169

Details

The Yxy color **45.7919, 0.3793, 0.3304** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.0098, 0.2696, 0.3276**, and the grayscale version is **47.5215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4126, 0.3406, 0.3301**, and **21.4933, 0.3994, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **37.6813, 0.4129, 0.3309**, and if you desaturate by 10%, it is **55.5107, 0.3520, 0.3299**.

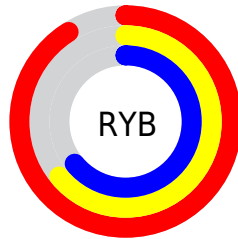
Distribution



Red (91%)

Green (64%)

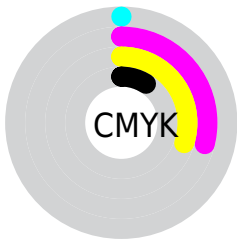
Blue (64%)



Red (91%)

Yellow (64%)

Blue (64%)

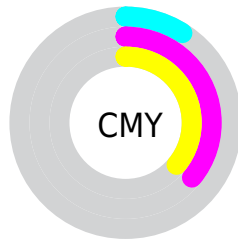


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (9%)



Cyan (9%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7919, 0.3793, 0.3304 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 45.7919, 0.3793, 0.3304 by changing the saturation by 10% instead.


 45.7919, 0.3793,
0.3304


 45.7919, 0.3793,
0.3304


369.9714, 0.3456,
0.3305

 32.0816, 0.3878,
0.3302


 83.9075, 0.3670,
0.3306

 21.4239, 0.3988,
0.3297


 109.0816, 0.3624,
0.3306

 13.4342, 0.4135,
0.3288


138.8457, 0.3585,
0.3306

 7.7282, 0.4340,
0.3272

173.5844, 0.3552,
0.3306

 3.9215, 0.4648,
0.3237

213.6818, 0.3523,
0.3306

 1.6298, 0.5152,
0.3157

259.5226, 0.3498,


 0.3775, 0.7212,


0.3305


0.2788


311.4910, 0.3476,
0.3305


 0.0000, 0.0000,
0.0000


 45.7919, 0.3793,
0.3304


 45.7919, 0.3793,
0.3304


 37.6813, 0.4129,
0.3309

 55.5107, 0.3520,
0.3299


 31.0862, 0.4532,
0.3314

 66.9110, 0.3301,
0.3294


 25.9145, 0.4990,
0.3317

 80.0693, 0.3125,
0.3290

 22.0614, 0.5469,
0.3318

 95.0556, 0.2985,
0.3286

 19.4077, 0.5905,
0.3316

 95.7275, 0.2982,
0.3290

■ 17.8129, 0.6224,
0.3310

■ 17.0700, 0.6391,
0.3306

■ 17.0636, 0.6392,
0.3306

Harmonies

Analogous

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



45.7919, 0.3502, 0.3008



45.7919, 0.3793, 0.3304



45.7919, 0.3891, 0.3614

Triad

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



45.7919, 0.3793, 0.3304



45.7919, 0.3100, 0.3882



45.7919, 0.2508, 0.2708

Complementary

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



45.7919, 0.3793, 0.3304



70.0098, 0.2696, 0.3276

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.



45.7919, 0.2418, 0.2897



45.7919, 0.3793, 0.3304



45.7919, 0.2745, 0.3591

Square

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



45.7919, 0.3793, 0.3304



45.7919, 0.3477, 0.3978



45.7919, 0.2501, 0.3218



45.7919, 0.2757, 0.2673

Rectangle

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



45.7919, 0.3793, 0.3304



45.7919, 0.3834, 0.3794



45.7919, 0.2501, 0.3218



45.7919, 0.2459, 0.2754

Sweetspot

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



45.7941, 0.3793, 0.3304



85.0266, 0.3284, 0.3294



48.5854, 0.3162, 0.2548



17.7178, 0.3313, 0.3295



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.



45.7941, 0.3793, 0.3304



50.6749, 0.3997, 0.3307



59.2913, 0.3682, 0.3681



14.4028, 0.3292, 0.3294



9.5830, 0.6389, 0.3309



0.7206, 0.6357, 0.3335

Inverse Universe

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



70.0098, 0.2696, 0.3276



85.6625, 0.2618, 0.3273



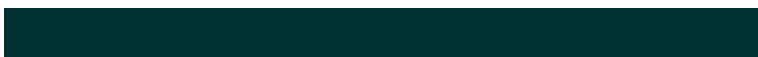
53.1432, 0.2649, 0.2864



16.2969, 0.2982, 0.3286



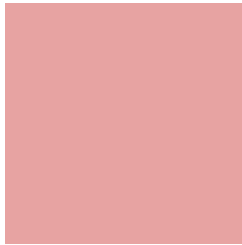
34.2039, 0.2234, 0.3242



2.5396, 0.2236, 0.3249

Previews

White Background



This preview shows how the Yxy color 45.7919, 0.3793, 0.3304 looks on a white background.

Color Contrast Check

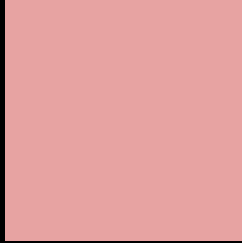
Large Text (above 18pt) WCAG AA × Fail

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 45.7919, 0.3793, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

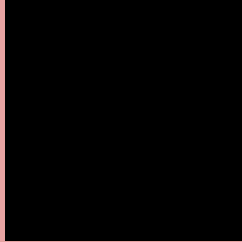
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7919, 0.3793, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 45.7919, 0.3793, 0.3304.



This preview shows how white text looks on a background with the Yxy color 45.7919, 0.3793, 0.3304.

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

45.7919, 0.3793, 0.3304

Protanopia

46.0219, 0.3252, 0.3408

Deuteranopia

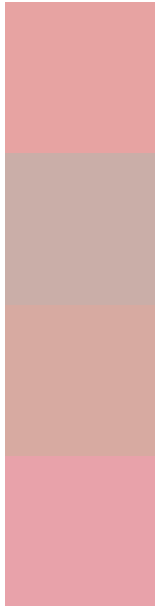
45.9320, 0.3542, 0.3466



Tritanopia

45.7015, 0.3691, 0.3143

Trichromacy



Original Color

45.7919, 0.3793, 0.3304

Protanomaly

45.6558, 0.3433, 0.3366

Deuteranomaly

45.7697, 0.3628, 0.3401

Tritanomaly

45.8987, 0.3727, 0.3200

Monochromacy



Original Color

45.7919, 0.3793, 0.3304

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4252, 0.3350, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7919, 0.3793, 0.3304 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(231, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(231, 163, 162)  
}
```

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(231, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 163, 162) }
```

Border

The CSS property to change the border of an element to Yxy 45.7919, 0.3793, 0.3304 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(231, 163, 162) }
```

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

```
.border{ border-color:rgb(231, 163, 162) }
```

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

Here you see how a box with a 4 pixel rgb(231, 163, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(231, 163,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7919, 0.3793, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 163, 162) }
```

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

```
.background{ background-color: rgb(231,  
163, 162) }
```

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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