

Converting Colors

$Yxy(45.5666, 0.3779, 0.3235)$

Have a look what the booklet for
Yxy(45.5666, 0.3779, 0.3235)
contains.

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Color

Yxy(45.5666, 0.3779, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	E9A1A6
RGB	233, 161, 166
RGB Percent	91%, 63%, 65%
CMY	0.0863, 0.3686, 0.3491
CMYK	0.00, 0.31, 0.29, 0.09
HSL	356°, 62%, 77%
HSV	356°, 31%, 91%
XYZ	53.2291, 45.5666, 42.0593
YIQ	183.0980, 41.3070, 16.8190

Conversions

Conversions Part 2

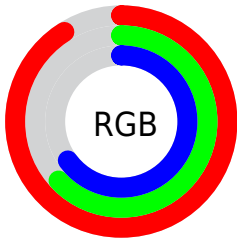
Format	Color
R _Y B	233, 161, 166
Decimal	15311270
CIE Lab	73.26, 27.38, 8.25
CIE LCh	73, 28.594, 16.760
Yxy	45.5666, 0.3779, 0.3235
Android (android.graphics.Color)	4293501350 (0xFFE9A1A6)
YUV	183.0980, -8.4293, 43.7641
Hunter-Lab	67.5030, 22.6248, 10.3101

Details

The Yxy color **45.5666, 0.3779, 0.3235** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.4541, 0.2710, 0.3348**, and the grayscale version is **47.4414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5922, 0.3380, 0.3240**, and **21.3823, 0.3975, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **37.4396, 0.4100, 0.3217**, and if you desaturate by 10%, it is **55.3494, 0.3518, 0.3254**.

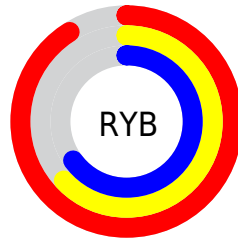
Distribution



Red (91%)

Green (63%)

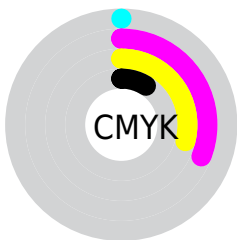
Blue (65%)



Red (91%)

Yellow (63%)

Blue (65%)

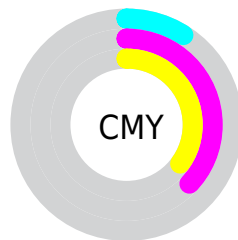


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (9%)



Cyan (9%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5666, 0.3779, 0.3235 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 45.5666, 0.3779, 0.3235 by changing the saturation by 10% instead.


 45.5666, 0.3779,
0.3235

 45.5666, 0.3779,
0.3235

369.0635, 0.3449,
0.3269

 31.9040, 0.3862,
0.3225


 83.5700, 0.3658,
0.3249

 21.2881, 0.3970,
0.3210


 108.6795, 0.3613,
0.3254

 13.3348, 0.4114,
0.3189


138.3735, 0.3575,
0.3257

 7.6595, 0.4315,
0.3155

173.0363, 0.3543,
0.3261

 3.8778, 0.4617,
0.3098

213.0523, 0.3515,
0.3263

 1.6055, 0.5113,
0.2984

258.8059, 0.3490,

 0.3613, 0.7391,

0.3265

0.2609

310.6815, 0.3468,
0.3267

0.0000, 0.0000,
0.0000

45.5666, 0.3779,
0.3235

45.5666, 0.3779,
0.3235

37.4396, 0.4100,
0.3217

55.3494, 0.3518,
0.3254

30.8706, 0.4484,
0.3203

66.8656, 0.3308,
0.3272

25.7620, 0.4923,
0.3195

80.1958, 0.3140,
0.3289

22.0021, 0.5388,
0.3197

95.4137, 0.3006,
0.3304

19.4632, 0.5823,
0.3213

96.0623, 0.2993,
0.3290

■ 17.9931, 0.6159,
0.3241

■ 17.3601, 0.6343,
0.3268

Harmonies

Analogous

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



45.5666, 0.3441, 0.2936



45.5666, 0.3779, 0.3235



45.5666, 0.3930, 0.3563

Triad

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



45.5666, 0.3779, 0.3235



45.5666, 0.3182, 0.3956



45.5666, 0.2443, 0.2706

Complementary

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



45.5666, 0.3779, 0.3235



71.4541, 0.2710, 0.3348

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.



45.5666, 0.2386, 0.2936



45.5666, 0.3779, 0.3235



45.5666, 0.2795, 0.3684

Square

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



45.5666, 0.3779, 0.3235



45.5666, 0.3569, 0.4007



45.5666, 0.2510, 0.3295



45.5666, 0.2671, 0.2637

Rectangle

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



45.5666, 0.3779, 0.3235



45.5666, 0.3900, 0.3763



45.5666, 0.2510, 0.3295



45.5666, 0.2404, 0.2765

Sweetspot

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



45.5688, 0.3779, 0.3235



84.9210, 0.3274, 0.3275



47.7064, 0.3112, 0.2511



17.6921, 0.3301, 0.3272



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.



45.5688, 0.3779, 0.3235



49.4240, 0.3973, 0.3224



57.1590, 0.3725, 0.3629



15.0709, 0.3282, 0.3274



9.8576, 0.6326, 0.3258



0.7800, 0.6133, 0.3152

Inverse Universe

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



45.5688, 0.3779, 0.3235



49.4240, 0.3973, 0.3224



56.1730, 0.2641, 0.2923



15.0709, 0.3282, 0.3274



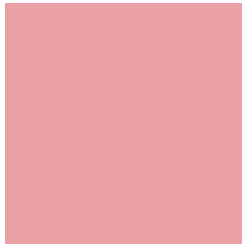
9.8576, 0.6326, 0.3258



0.7800, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 45.5666, 0.3779, 0.3235 looks on a white background.

Color Contrast Check

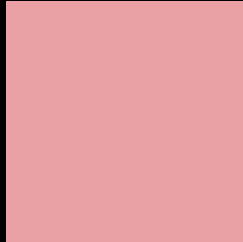
Large Text (above 18pt) WCAG AA × Fail

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 45.5666, 0.3779, 0.3235 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 45.5666, 0.3779, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 45.5666, 0.3779, 0.3235.



This preview shows how white text looks on a background with the Yxy color 45.5666, 0.3779, 0.3235.

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

45.5666, 0.3779, 0.3235

Protanopia

45.5651, 0.3195, 0.3329

Deuteranopia

45.7898, 0.3487, 0.3417



Tritanopia

45.6126, 0.3732, 0.3155

Trichromacy



Original Color

45.5666, 0.3779, 0.3235

Protanomaly

45.0402, 0.3402, 0.3291

Deuteranomaly

45.5396, 0.3594, 0.3340

Tritanomaly

45.5363, 0.3752, 0.3178

Monochromacy



Original Color

45.5666, 0.3779, 0.3235

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.2518, 0.3343, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5666, 0.3779, 0.3235 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(233, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(233, 161, 166)  
}
```

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(233, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 161, 166) }
```

Border

The CSS property to change the border of an element to Yxy 45.5666, 0.3779, 0.3235 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(233, 161, 166) }
```

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

```
.border{ border-color:rgb(233, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 161, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 161, 166); box-shadow:4px 4px 4px 4px rgb(233, 161, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5666, 0.3779, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 161, 166) }
```

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

```
.background{ background-color: rgb(233,  
161, 166) }
```

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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