

Converting Colors

$Y_{xy}(45.2630, 0.3830, 0.3206)$

Have a look what the booklet for
Yxy(45.2630, 0.3830, 0.3206)
contains.

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Color

Yxy(45.2114, 0.3827, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	ED9EA6
RGB	237, 158, 166
RGB Percent	93%, 62%, 65%
CMY	0.0706, 0.3804, 0.3491
CMYK	0.00, 0.33, 0.30, 0.07
HSL	354°, 69%, 77%
HSV	354°, 33%, 93%
XYZ	54.0362, 45.2114, 41.9497
YIQ	182.5330, 44.5160, 19.2360

Conversions

Conversions Part 2

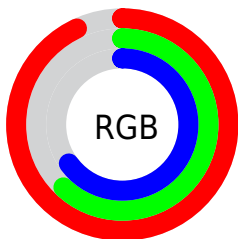
Format	Color
R _Y B	237, 158, 166
Decimal	15572646
CIE Lab	73.03, 30.45, 7.97
CIE LCh	73, 31.481, 14.668
Yxy	45.2114, 0.3827, 0.3202
Android (android.graphics.Color)	4293762726 (0xFFED9EA6)
YUV	182.5330, -8.1508, 47.7676
Hunter-Lab	67.2394, 25.7806, 10.0774

Details

The Yxy color **45.2114, 0.3827, 0.3202** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.5014, 0.2694, 0.3383**, and the grayscale version is **47.1131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0690, 0.3384, 0.3210**, and **21.1067, 0.4029, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **37.1745, 0.4151, 0.3176**, and if you desaturate by 10%, it is **54.9412, 0.3562, 0.3229**.

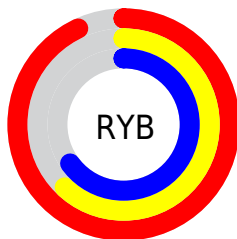
Distribution



Red (93%)

Green (62%)

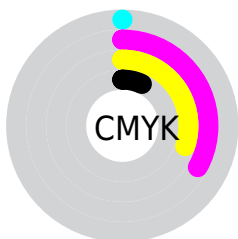
Blue (65%)



Red (93%)

Yellow (62%)

Blue (65%)

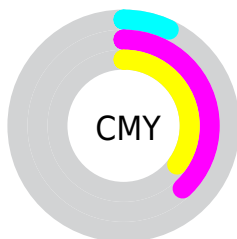


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (7%)



Cyan (7%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2114, 0.3827, 0.3202 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 45.2114, 0.3827, 0.3202 by changing the saturation by 10% instead.

 45.2114, 0.3827,
0.3202

 45.2114, 0.3827,
0.3202


367.6291, 0.3473,
0.3253

 31.6240, 0.3917,
0.3187


 83.0375, 0.3697,
0.3222

 21.0744, 0.4032,
0.3167


 108.0451, 0.3649,
0.3229

 13.1784, 0.4187,
0.3138

137.6281, 0.3608,
0.3235

 7.5515, 0.4404,
0.3094

172.1709, 0.3573,
0.3240

 3.8094, 0.4728,
0.3020

212.0581, 0.3543,
0.3244

 1.5675, 0.5259,
0.2878

257.6739, 0.3516,

 0.3355, 0.7633,

0.3247

0.2367

309.4027, 0.3493,
0.3250

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.2114, 0.3827,
0.3202

45.2114, 0.3827,
0.3202

37.1745, 0.4151,
0.3176

54.9412, 0.3562,
0.3229

30.7277, 0.4536,
0.3156

66.4462, 0.3348,
0.3256

25.7671, 0.4972,
0.3146

79.8109, 0.3176,
0.3282

22.1739, 0.5427,
0.3151

95.1127, 0.3039,
0.3306

■ 19.8107, 0.5846,
0.3176

■ 96.7461, 0.3017,
0.3290

■ 18.5117, 0.6165,
0.3218

■ 18.0719, 0.6304,
0.3247

Harmonies

Analogous

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



45.2114, 0.3442, 0.2882



45.2114, 0.3827, 0.3202



45.2114, 0.4011, 0.3560

Triad

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



45.2114, 0.3827, 0.3202



45.2114, 0.3215, 0.4042



45.2114, 0.2366, 0.2659

Complementary

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



45.2114, 0.3827, 0.3202



73.5014, 0.2694, 0.3383

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.



45.2114, 0.2317, 0.2920



45.2114, 0.3827, 0.3202



45.2114, 0.2787, 0.3755

Square

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



45.2114, 0.3827, 0.3202



45.2114, 0.3638, 0.4076



45.2114, 0.2465, 0.3323



45.2114, 0.2602, 0.2574

Rectangle

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



45.2114, 0.3827, 0.3202



45.2114, 0.3989, 0.3784



45.2114, 0.2465, 0.3323



45.2114, 0.2328, 0.2727

Sweetspot

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



45.2136, 0.3827, 0.3202



83.4064, 0.3287, 0.3265



47.0295, 0.3087, 0.2443



17.3922, 0.3313, 0.3261



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.



45.2136, 0.3827, 0.3202



46.6980, 0.4041, 0.3184



56.5647, 0.3795, 0.3629



15.0788, 0.3277, 0.3266



9.8745, 0.6281, 0.3234



0.7837, 0.6019, 0.3089

Inverse Universe

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



45.2136, 0.3827, 0.3202



46.6980, 0.4041, 0.3184



57.8760, 0.2607, 0.2922



15.0788, 0.3277, 0.3266



9.8745, 0.6281, 0.3234



0.7837, 0.6019, 0.3089

Previews

White Background



This preview shows how the Yxy color 45.2114, 0.3827, 0.3202 looks on a white background.

Color Contrast Check

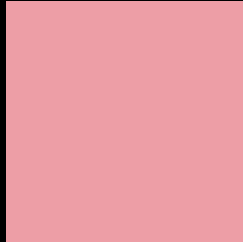
Large Text (above 18pt) WCAG AA × Fail

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 45.2114, 0.3827, 0.3202 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 45.2114, 0.3827, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 45.2114, 0.3827, 0.3202.



This preview shows how white text looks on a background with the Yxy color 45.2114, 0.3827, 0.3202.

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

45.2114, 0.3827, 0.3202

Protanopia

45.4818, 0.3178, 0.3316

Deuteranopia

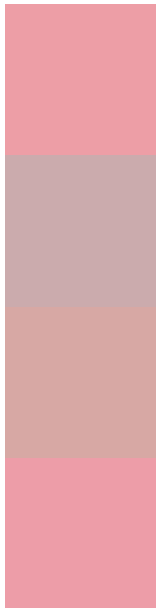
45.2280, 0.3489, 0.3417



Tritanopia

44.9830, 0.3800, 0.3157

Trichromacy



Original Color

45.2114, 0.3827, 0.3202

Protanomaly

44.8395, 0.3404, 0.3266

Deuteranomaly

45.1327, 0.3606, 0.3340

Tritanomaly

44.9456, 0.3810, 0.3168

Monochromacy



Original Color

45.2114, 0.3827, 0.3202

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.1429, 0.3363, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2114, 0.3827, 0.3202 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(237, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 158, 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(237, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 158, 166) }
```

Border

The CSS property to change the border of an element to Yxy 45.2114, 0.3827, 0.3202 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(237, 158, 166) }
```

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

```
.border{ border-color:rgb(237, 158, 166) }
```

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

Here you see how a box with a 4 pixel rgb(237, 158, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(237, 158,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2114, 0.3827, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 158, 166) }
```

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

```
.background{ background-color: rgb(237,  
158, 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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