

Converting Colors

$Y_{xy}(43.7878, 0.3830, 0.3206)$

Have a look what the booklet for
Yxy(43.7878, 0.3830, 0.3206)
contains.

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Color

Yxy(43.9137, 0.3835, 0.3212)

Conversions

Conversions Part 1	
Format	Color
Hex	EA9CA3
RGB	234, 156, 163
RGB Percent	92%, 61%, 64%
CMY	0.0824, 0.3882, 0.3607
CMYK	0.00, 0.33, 0.30, 0.08
HSL	355°, 65%, 76%
HSV	355°, 33%, 92%
XYZ	52.4312, 43.9137, 40.3727
YIQ	180.1200, 44.2410, 18.7130

Conversions

Conversions Part 2

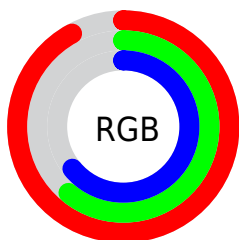
Format	Color
RYB	234, 156, 163
Decimal	15375523
CIELab	72.17, 30.02, 8.34
CIELCh	72, 31.155, 15.518
Yxy	43.9137, 0.3835, 0.3212
Android (android.graphics.Color)	4293565603 (0xFFEA9CA3)
YUV	180.1200, -8.4402, 47.2528
Hunter-Lab	66.2674, 25.2624, 10.2654

Details

The Yxy color $43.9137, 0.3835, 0.3212$ is a light color, and the websafe version is hex FF9999 . A complement of this color would be $71.4563, 0.2690, 0.3372$, and the grayscale version is $45.7398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.9105, 0.3409, 0.3220$, and $20.2784, 0.4045, 0.3188$ is the 20% darker color. If you saturate the color by 10%, you get $36.1040, 0.4163, 0.3189$, and if you desaturate by 10%, it is $53.3687, 0.3567, 0.3236$.

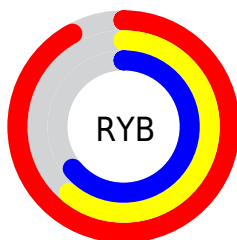
Distribution



Red (92%)

Green (61%)

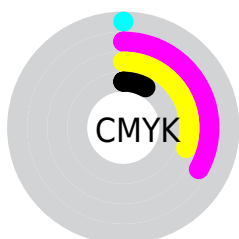
Blue (64%)



Red (92%)

Yellow (61%)

Blue (64%)

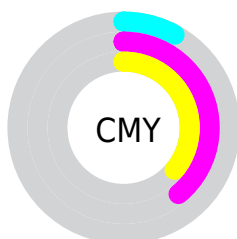


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (8%)



Cyan (8%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9137, 0.3835, 0.3212 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 43.9137, 0.3835, 0.3212 by changing the saturation by 10% instead.


 43.9137, 0.3835,
0.3212

 43.9137, 0.3835,
0.3212


362.3560, 0.3475,
0.3258

 30.6027, 0.3927,
0.3198


 81.0879, 0.3703,
0.3231

 20.2965, 0.4045,
0.3179


 105.7198, 0.3653,
0.3237

 12.6107, 0.4204,
0.3151


134.8941, 0.3612,
0.3242

 7.1611, 0.4429,
0.3108

168.9953, 0.3576,
0.3247

 3.5630, 0.4767,
0.3033

208.4077, 0.3546,
0.3250

 1.4323, 0.5327,
0.2889


253.5156, 0.3519,


 0.2403, 0.8009,


0.3253


0.1991

304.7036, 0.3496,
0.3256


 0.0000, 0.0000,
0.0000

 43.9137, 0.3835,
0.3212


 43.9137, 0.3835,
0.3212

 36.1040, 0.4163,
0.3189


 53.3687, 0.3567,
0.3236

 29.8398, 0.4553,
0.3172


 64.5490, 0.3350,
0.3260


 25.0200, 0.4993,
0.3163

 77.5367, 0.3177,
0.3283

 21.5292, 0.5451,
0.3168

 92.4070, 0.3038,
0.3304

 19.2341, 0.5870,
0.3191

 96.2316, 0.2999,
0.3290

■ 17.9736, 0.6184,
0.3229

■ 17.5459, 0.6318,
0.3254

Harmonies

Analogous

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



43.9137, 0.3454, 0.2890



43.9137, 0.3835, 0.3212



43.9137, 0.4012, 0.3570

Triad

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



43.9137, 0.3835, 0.3212



43.9137, 0.3202, 0.4037



43.9137, 0.2371, 0.2654

Complementary

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



43.9137, 0.3835, 0.3212



71.4563, 0.2690, 0.3372

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.



43.9137, 0.2317, 0.2911



43.9137, 0.3835, 0.3212



43.9137, 0.2776, 0.3743

Square

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



43.9137, 0.3835, 0.3212



43.9137, 0.3627, 0.4078



43.9137, 0.2458, 0.3311



43.9137, 0.2612, 0.2575

Rectangle

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



43.9137, 0.3835, 0.3212



43.9137, 0.3985, 0.3792



43.9137, 0.2458, 0.3311



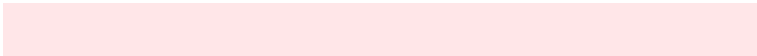
43.9137, 0.2331, 0.2721

Sweetspot

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



43.9158, 0.3835, 0.3212



83.3902, 0.3289, 0.3268



45.9198, 0.3099, 0.2446



17.3883, 0.3315, 0.3265



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.



43.9158, 0.3835, 0.3212



46.6573, 0.4053, 0.3196



55.5185, 0.3789, 0.3643



15.0760, 0.3279, 0.3269



9.8681, 0.6298, 0.3243



0.7824, 0.6058, 0.3111

Inverse Universe

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



43.9158, 0.3835, 0.3212



46.6573, 0.4053, 0.3196



55.6261, 0.2605, 0.2906



15.0760, 0.3279, 0.3269



9.8681, 0.6298, 0.3243



0.7824, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 43.9137, 0.3835, 0.3212 looks on a white background.

Color Contrast Check

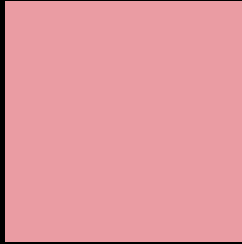
Large Text (above 18pt) WCAG AA × Fail

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 43.9137, 0.3835, 0.3212 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 43.9137, 0.3835, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 43.9137, 0.3835, 0.3212.



This preview shows how white text looks on a background with the Yxy color 43.9137, 0.3835, 0.3212.

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

43.9137, 0.3835, 0.3212

Protanopia

44.3240, 0.3187, 0.3330

Deuteranopia

44.0814, 0.3502, 0.3431



Tritanopia

43.7251, 0.3798, 0.3155

Trichromacy



Original Color

43.9137, 0.3835, 0.3212



Protanomaly

43.5576, 0.3406, 0.3278



Deuteranomaly

43.9918, 0.3621, 0.3353



Tritanomaly

43.6883, 0.3808, 0.3167

Monochromacy



Original Color

43.9137, 0.3835, 0.3212



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.4612, 0.3367, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9137, 0.3835, 0.3212 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(234, 156, 163) looks like.

```
.text, #text, p{  
    color:rgb(234, 156, 163)  
}
```

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(234, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 156, 163) }
```

Border

The CSS property to change the border of an element to Yxy 43.9137, 0.3835, 0.3212 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(234, 156, 163) }
```

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

```
.border{ border-color:rgb(234, 156, 163) }
```

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

Here you see how a box with a 4 pixel rgb(234, 156, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(234, 156,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9137, 0.3835, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 156, 163) }
```

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

```
.background{ background-color: rgb(234,  
156, 163) }
```

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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