

Converting Colors

$Y_{xy}(43.8311, 0.3734, 0.3215)$

Have a look what the booklet for
Yxy(43.8311, 0.3734, 0.3215)
contains.

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Color

Yxy(43.8438, 0.3738, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	E39FA5
RGB	227, 159, 165
RGB Percent	89%, 62%, 65%
CMY	0.1098, 0.3764, 0.3530
CMYK	0.00, 0.30, 0.27, 0.11
HSL	355°, 55%, 76%
HSV	355°, 30%, 89%
XYZ	50.8653, 43.8438, 41.3672
YIQ	180.0160, 38.6020, 16.2820

Conversions

Conversions Part 2

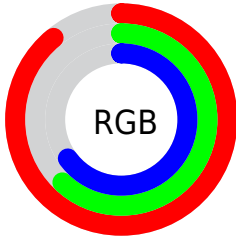
Format	Color
RYB	227, 159, 165
Decimal	14917541
CIELab	72.12, 26.10, 7.08
CIELCh	72, 27.042, 15.187
Yxy	43.8438, 0.3738, 0.3222
Android (android.graphics.Color)	4293107621 (0xFFE39FA5)
YUV	180.0160, -7.4029, 41.2050
Hunter-Lab	66.2147, 21.2460, 9.3092

Details

The Yxy color **43.8438, 0.3738, 0.3222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.5299, 0.2729, 0.3361**, and the grayscale version is **45.6763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5204, 0.3390, 0.3230**, and **20.2537, 0.3921, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **36.0481, 0.4045, 0.3199**, and if you desaturate by 10%, it is **53.1992, 0.3488, 0.3246**.

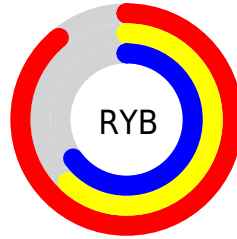
Distribution



Red (89%)

Green (62%)

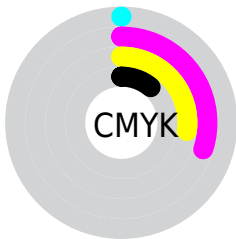
Blue (65%)



Red (89%)

Yellow (62%)

Blue (65%)

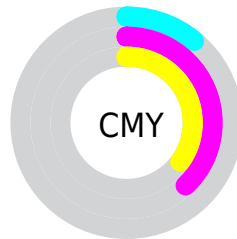


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8438, 0.3738, 0.3222 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 43.8438, 0.3738, 0.3222 by changing the saturation by 10% instead.


 43.8438, 0.3738,
0.3222

 43.8438, 0.3738,
0.3222


362.0705, 0.3427,
0.3262

 30.5477, 0.3817,
0.3210

 80.9826, 0.3624,
0.3238

 20.2547, 0.3920,
0.3194


 105.5942, 0.3581,
0.3243

 12.5803, 0.4058,
0.3171


134.7464, 0.3545,
0.3248

 7.1402, 0.4252,
0.3135

168.8236, 0.3515,
0.3251

 3.5499, 0.4548,
0.3075

208.2102, 0.3488,
0.3255

 1.4251, 0.5041,
0.2955

253.2906, 0.3465,


 0.2351, 0.7854,


0.3257


0.2146


304.4493, 0.3445,
0.3260


 0.0000, 0.0000,
0.0000


 43.8438, 0.3738,
0.3222

 43.8438, 0.3738,
0.3222

 36.0481, 0.4045,
0.3199


 53.1992, 0.3488,
0.3246


 29.7215, 0.4414,
0.3180


 64.1863, 0.3287,
0.3269

 24.7736, 0.4840,
0.3168

 76.8797, 0.3126,
0.3290

 21.1016, 0.5297,
0.3168

 91.3480, 0.2997,
0.3310

 18.5880, 0.5737,
0.3184

 95.0702, 0.2958,
0.3290

■ 17.0938, 0.6093,
0.3217

■ 16.3832, 0.6318,
0.3255

■ 16.3804, 0.6319,
0.3255

Harmonies

Analogous

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



43.8438, 0.3408, 0.2937



43.8438, 0.3738, 0.3222



43.8438, 0.3894, 0.3537

Triad

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



43.8438, 0.3738, 0.3222



43.8438, 0.3201, 0.3934



43.8438, 0.2463, 0.2738

Complementary

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



43.8438, 0.3738, 0.3222



67.5299, 0.2729, 0.3361

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.



43.8438, 0.2417, 0.2967



43.8438, 0.3738, 0.3222



43.8438, 0.2827, 0.3684

Square

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



43.8438, 0.3738, 0.3222



43.8438, 0.3569, 0.3973



43.8438, 0.2545, 0.3316



43.8438, 0.2674, 0.2662

Rectangle

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



43.8438, 0.3738, 0.3222



43.8438, 0.3874, 0.3731



43.8438, 0.2545, 0.3316



43.8438, 0.2428, 0.2798

Sweetspot

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



43.8459, 0.3738, 0.3222



84.9456, 0.3272, 0.3271



45.5922, 0.3103, 0.2533



17.6981, 0.3298, 0.3267



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.



43.8459, 0.3738, 0.3222



50.4755, 0.3924, 0.3207



54.0379, 0.3705, 0.3605



14.3884, 0.3279, 0.3270



9.5606, 0.6300, 0.3244



0.7136, 0.6052, 0.3108

Inverse Universe

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



43.8459, 0.3738, 0.3222



50.4755, 0.3924, 0.3207



54.1346, 0.2659, 0.2951



14.3884, 0.3279, 0.3270



9.5606, 0.6300, 0.3244



0.7136, 0.6052, 0.3108

Previews

White Background



This preview shows how the Yxy color 43.8438, 0.3738, 0.3222 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 43.8438, 0.3738, 0.3222 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 43.8438, 0.3738, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 43.8438, 0.3738, 0.3222.



This preview shows how white text looks on a background with the Yxy color 43.8438, 0.3738, 0.3222.

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

43.8438, 0.3738, 0.3222

Protanopia

43.9696, 0.3179, 0.3303

Deuteranopia

44.0495, 0.3466, 0.3393



Tritanopia

43.8500, 0.3701, 0.3152

Trichromacy



Original Color

43.8438, 0.3738, 0.3222

Protanomaly

43.6955, 0.3377, 0.3278

Deuteranomaly

44.0194, 0.3561, 0.3328

Tritanomaly

43.7749, 0.3721, 0.3175

Monochromacy



Original Color

43.8438, 0.3738, 0.3222

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4705, 0.3329, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8438, 0.3738, 0.3222 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(227, 159, 165)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 165)  
}
```

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(227, 159, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.8438, 0.3738, 0.3222 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(227, 159, 165) }
```

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

```
.border{ border-color:rgb(227, 159, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 165);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8438, 0.3738, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 165) }
```

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

```
.background{ background-color: rgb(227,  
159, 165) }
```

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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