

Converting Colors

$Yxy(45.6911, 0.3821, 0.3235)$

Have a look what the booklet for
Yxy(45.6911, 0.3821, 0.3235)
contains.

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Color

Yxy(45.6911, 0.3821, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	ECA0A5
RGB	236, 160, 165
RGB Percent	93%, 63%, 65%
CMY	0.0743, 0.3726, 0.3529
CMYK	0.00, 0.32, 0.30, 0.07
HSL	356°, 67%, 78%
HSV	356°, 32%, 93%
XYZ	53.9678, 45.6911, 41.5810
YIQ	183.2940, 43.6910, 17.6670

Conversions

Conversions Part 2

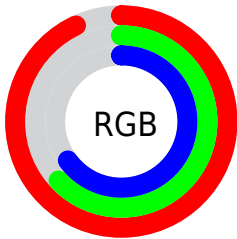
Format	Color
R _Y B	236, 160, 165
Decimal	15507621
CIE Lab	73.34, 28.93, 8.94
CIE LCh	73, 30.277, 17.174
Yxy	45.6911, 0.3821, 0.3235
Android (android.graphics.Color)	4293697701 (0xFFECA0A5)
YUV	183.2940, -9.0189, 46.2232
Hunter-Lab	67.5952, 24.2222, 10.8445

Details

The Yxy color **45.6911, 0.3821, 0.3235** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.2606, 0.2693, 0.3348**, and the grayscale version is **47.5582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0282, 0.3389, 0.3240**, and **21.3824, 0.4020, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **37.5380, 0.4152, 0.3219**, and if you desaturate by 10%, it is **55.5405, 0.3551, 0.3253**.

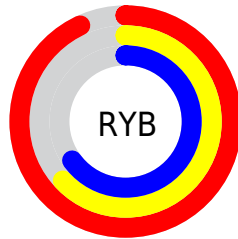
Distribution



Red (93%)

Green (63%)

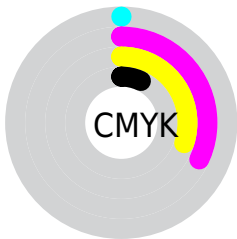
Blue (65%)



Red (93%)

Yellow (63%)

Blue (65%)

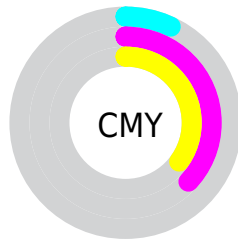


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (7%)



Cyan (7%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6911, 0.3821, 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 45.6911, 0.3821, 0.3235 by changing the saturation by 10% instead.


 45.6911, 0.3821,
0.3235

 45.6911, 0.3821,
0.3235


369.5654, 0.3470,
0.3270

 32.0021, 0.3910,
0.3224


 83.7565, 0.3693,
0.3249

 21.3631, 0.4024,
0.3209


 108.9017, 0.3645,
0.3254

 13.3897, 0.4177,
0.3186


138.6345, 0.3604,
0.3258

 7.6974, 0.4390,
0.3151

173.3392, 0.3570,
0.3261

 3.9020, 0.4710,
0.3089

213.4003, 0.3540,
0.3264

 1.6189, 0.5231,
0.2967

259.2021, 0.3513,

 0.3703, 0.7442,

0.3266

0.2558

311.1290, 0.3490,
0.3268

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.6911, 0.3821,
0.3235

45.6911, 0.3821,
0.3235

37.5380, 0.4152,
0.3219

55.5405, 0.3551,
0.3253

30.9793, 0.4546,
0.3205

67.1674, 0.3334,
0.3270

25.9124, 0.4993,
0.3199

80.6558, 0.3161,
0.3287

22.2203, 0.5458,
0.3203

96.0824, 0.3022,
0.3302

■ 19.7681, 0.5884,
0.3220

■ 96.5812, 0.3012,
0.3290

■ 18.3938, 0.6200,
0.3249

■ 17.8776, 0.6346,
0.3270

Harmonies

Analogous

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



45.6911, 0.3465, 0.2921



45.6911, 0.3821, 0.3235



45.6911, 0.3977, 0.3579

Triad

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



45.6911, 0.3821, 0.3235



45.6911, 0.3177, 0.3994



45.6911, 0.2408, 0.2671

Complementary

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



45.6911, 0.3821, 0.3235



73.2606, 0.2693, 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.



45.6911, 0.2345, 0.2910



45.6911, 0.3821, 0.3235



45.6911, 0.2770, 0.3703

Square

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



45.6911, 0.3821, 0.3235



45.6911, 0.3587, 0.4050



45.6911, 0.2472, 0.3288



45.6911, 0.2650, 0.2602

Rectangle

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



45.6911, 0.3821, 0.3235



45.6911, 0.3943, 0.3791



45.6911, 0.2472, 0.3288



45.6911, 0.2366, 0.2732

Sweetspot

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



45.6933, 0.3821, 0.3235



83.3560, 0.3293, 0.3274



48.1789, 0.3122, 0.2479



17.3801, 0.3320, 0.3271



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.



45.6933, 0.3821, 0.3235



47.4998, 0.4044, 0.3223



58.4934, 0.3753, 0.3659



15.0702, 0.3283, 0.3275



9.8563, 0.6329, 0.3260



0.7797, 0.6144, 0.3158

Inverse Universe

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



45.6933, 0.3821, 0.3235



47.4998, 0.4044, 0.3223



56.2829, 0.2618, 0.2888



15.0702, 0.3283, 0.3275



9.8563, 0.6329, 0.3260



0.7797, 0.6144, 0.3158

Previews

White Background



This preview shows how the Yxy color 45.6911, 0.3821, 0.3235 looks on a white background.

Color Contrast Check

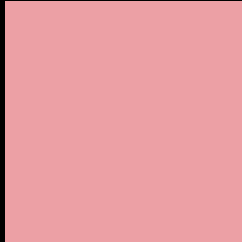
Large Text (above 18pt) WCAG AA × Fail

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 45.6911, 0.3821, 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 45.6911, 0.3821, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 45.6911, 0.3821, 0.3235.



This preview shows how white text looks on a background with the Yxy color 45.6911, 0.3821, 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

45.6911, 0.3821, 0.3235

Protanopia

46.0914, 0.3203, 0.3342

Deuteranopia

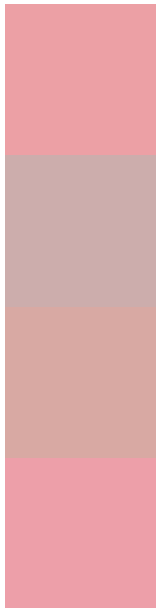
45.8599, 0.3515, 0.3441



Tritanopia

45.7411, 0.3773, 0.3157

Trichromacy



Original Color

45.6911, 0.3821, 0.3235

Protanomaly

45.7031, 0.3418, 0.3303

Deuteranomaly

45.6192, 0.3622, 0.3364

Tritanomaly

45.6654, 0.3793, 0.3179

Monochromacy



Original Color

45.6911, 0.3821, 0.3235

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.3511, 0.3361, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6911, 0.3821, 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(236, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(236, 160, 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(236, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 160, 165) }
```

Border

The CSS property to change the border of an element to Yxy 45.6911, 0.3821, 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(236, 160, 165) }
```

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

```
.border{ border-color:rgb(236, 160, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 160, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 160, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 160, 165);  
box-shadow:4px 4px 4px 4px rgb(236, 160,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6911, 0.3821, 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(236, 160, 165) }
```

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

```
.background{ background-color: rgb(236,  
160, 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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