

Converting Colors

Yxy(60.8199, 0.3633, 0.3601)

Have a look what the booklet for
Yxy(60.8199, 0.3633, 0.3601)
contains.

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Color

Yxy(60.7829, 0.3639, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	EAC6AA
RGB	234, 198, 170
RGB Percent	92%, 78%, 67%
CMY	0.0822, 0.2236, 0.3333
CMYK	0.00, 0.15, 0.27, 0.08
HSL	26°, 60%, 79%
HSV	26°, 27%, 92%
XYZ	61.3902, 60.7829, 46.5277
YIQ	205.5720, 30.4440, -1.0760

Conversions

Conversions Part 2

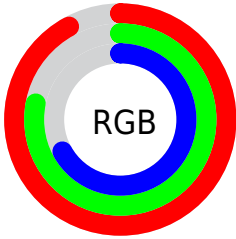
Format	Color
RYB	234, 220, 170
Decimal	15386282
CIELab	82.26, 8.66, 18.77
CIELCh	82, 20.677, 65.231
Yxy	60.7829, 0.3639, 0.3603
Android (android.graphics.Color)	4293576362 (0xFFEAC6AA)
YUV	205.5720, -17.5370, 24.9314
Hunter-Lab	77.9634, 4.1192, 19.1908

Details

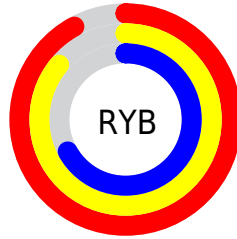
The Yxy color **60.7829, 0.3639, 0.3603** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.6539, 0.2696, 0.2954**, and the grayscale version is **61.5368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **30.6016, 0.3763, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **54.2148, 0.3879, 0.3723**, and if you desaturate by 10%, it is **68.0381, 0.3428, 0.3484**.

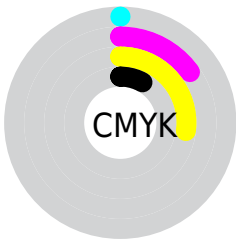
Distribution



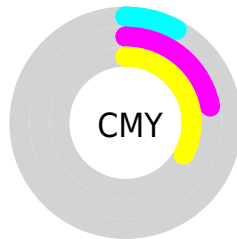
- Red (92%)
- Green (78%)
- Blue (67%)



- Red (92%)
- Yellow (86%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (8%)




- Cyan (8%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7829, 0.3639, 0.3603 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 60.7829, 0.3639, 0.3603 by changing the saturation by 10% instead.


 60.7829, 0.3639,
0.3603

 60.7829, 0.3639,
0.3603

427.4775, 0.3393,
0.3458

 44.0500, 0.3697,
0.3636


 105.9645, 0.3552,
0.3553

 30.7098, 0.3770,
0.3676

135.1820, 0.3519,
0.3533

 20.3780, 0.3864,
0.3727

169.3299, 0.3490,
0.3516

 12.6701, 0.3990,
0.3791

208.7924, 0.3465,
0.3502

 7.2018, 0.4164,
0.3876

253.9540, 0.3444,
0.3489

 3.5886, 0.4421,
0.3989

305.1992, 0.3425,

 1.4462, 0.5117,

0.3477

0.4381

362.9122, 0.3408,
0.3467

0.2504, 0.6422,
0.3578

0.0000, 0.0000,
0.0000

60.7829, 0.3639,
0.3603

60.7829, 0.3639,
0.3603

54.2148, 0.3879,
0.3723

68.0381, 0.3428,
0.3484

48.3038, 0.4148,
0.3837

75.9925, 0.3246,
0.3370

43.0296, 0.4440,
0.3936

84.6685, 0.3088,
0.3262

38.3678, 0.4746,
0.4008

93.5174, 0.3000,
0.3247

■ 34.2918, 0.5049,
0.4040

■ 96.2385, 0.3000,
0.3290

■ 30.7722, 0.5327,
0.4021

■ 27.7743, 0.5558,
0.3947

■ 27.0603, 0.5615,
0.3924

Harmonies

Analogous

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



60.7829, 0.3631, 0.3397



60.7829, 0.3639, 0.3603



60.7829, 0.3505, 0.3737

Triad

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



60.7829, 0.3639, 0.3603



60.7829, 0.2780, 0.3397



60.7829, 0.2968, 0.2873

Complementary

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



60.7829, 0.3639, 0.3603



58.6539, 0.2696, 0.2954

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.



60.7829, 0.2753, 0.2858



60.7829, 0.3639, 0.3603



60.7829, 0.2648, 0.3148

Square

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



60.7829, 0.3639, 0.3603



60.7829, 0.3006, 0.3623



60.7829, 0.2639, 0.2954



60.7829, 0.3234, 0.2988

Rectangle

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



60.7829, 0.3639, 0.3603



60.7829, 0.3356, 0.3761



60.7829, 0.2639, 0.2954



60.7829, 0.2887, 0.2856

Sweetspot

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



60.7857, 0.3639, 0.3603



91.6462, 0.3257, 0.3377



50.7194, 0.3391, 0.2891



19.2934, 0.3283, 0.3394



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.



60.7857, 0.3639, 0.3603



69.1276, 0.3774, 0.3673



76.8648, 0.3551, 0.3932



16.1373, 0.3282, 0.3393



15.4419, 0.5588, 0.3945



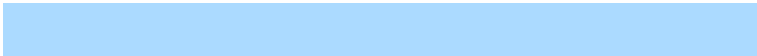
1.4010, 0.5348, 0.4135

Inverse Universe

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



58.6539, 0.2696, 0.2954



66.1165, 0.2603, 0.2871



44.8663, 0.2656, 0.2556



15.9558, 0.2981, 0.3184



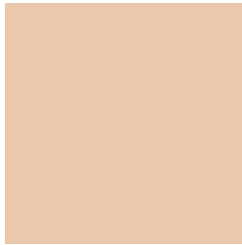
12.8234, 0.1832, 0.1795



1.1979, 0.1895, 0.2021

Previews

White Background



This preview shows how the Yxy color 60.7829, 0.3639, 0.3603 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 60.7829, 0.3639, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

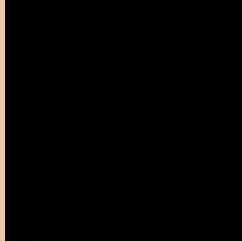
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7829, 0.3639, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 60.7829, 0.3639, 0.3603.



This preview shows how white text looks on a background with the Yxy color 60.7829, 0.3639, 0.3603.

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

60.7829, 0.3639, 0.3603

Protanopia

60.8018, 0.3451, 0.3652

Deuteranopia

60.8393, 0.3667, 0.3590



Tritanopia

60.8711, 0.3378, 0.3129

Trichromacy



Original Color

60.7829, 0.3639, 0.3603

Protanomaly

60.9076, 0.3521, 0.3634

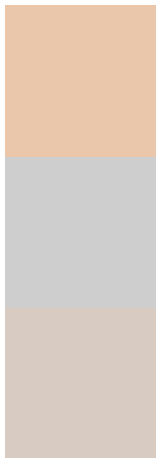
Deuteranomaly

60.6677, 0.3658, 0.3591

Tritanomaly

60.9298, 0.3478, 0.3302

Monochromacy



Original Color

60.7829, 0.3639, 0.3603

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1611, 0.3302, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7829, 0.3639, 0.3603 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, 198, 170)` looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 170)  
}
```

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, 198, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 170) }
```

Border

The CSS property to change the border of an element to Yxy 60.7829, 0.3639, 0.3603 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, 198, 170) }
```

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

```
.border{ border-color:rgb(234, 198, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 198, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 170);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7829, 0.3639, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 170) }
```

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

```
.background{ background-color: rgb(234,  
198, 170) }
```

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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