

Converting Colors

$Yxy(67.9870, 0.3592, 0.3756)$

Have a look what the booklet for
Yxy(67.9870, 0.3592, 0.3756)
contains.

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Color

Yxy(68.0212, 0.3589, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	EAD5AB
RGB	234, 213, 171
RGB Percent	92%, 84%, 67%
CMY	0.0823, 0.1647, 0.3293
CMYK	0.00, 0.09, 0.27, 0.08
HSL	40°, 60%, 79%
HSV	40°, 27%, 92%
XYZ	65.0835, 68.0212, 48.2368
YIQ	214.4910, 25.9980, -8.6100

Conversions

Conversions Part 2

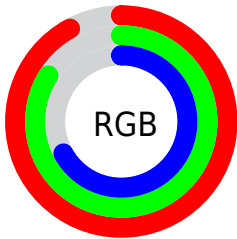
Format	Color
R_{YB}	203, 234, 171
Decimal	15390123
CIE _{Lab}	86.02, 0.98, 23.43
CIE _{LCh}	86, 23.447, 87.615
Yxy	68.0212, 0.3589, 0.3751
Android (android.graphics.Color)	4293580203 (0xFFEAD5AB)
YUV	214.4910, -21.4411, 17.1094
Hunter-Lab	82.4750, -3.4715, 23.0557

Details

The Yxy color **68.0212, 0.3589, 0.3751** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.3218, 0.2685, 0.2781**, and the grayscale version is **67.7318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **35.2506, 0.3701, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **63.3744, 0.3788, 0.3927**, and if you desaturate by 10%, it is **73.0214, 0.3404, 0.3575**.

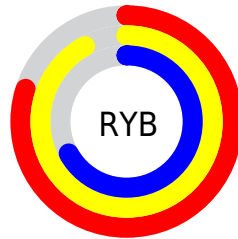
Distribution



Red (92%)

Green (84%)

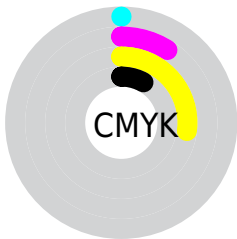
Blue (67%)



Red (80%)

Yellow (92%)

Blue (67%)

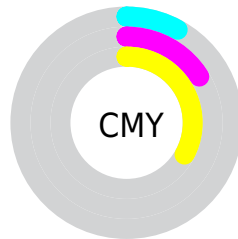


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (8%)



Cyan (8%)


Magenta (16%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0212, 0.3589, 0.3751 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 68.0212, 0.3589, 0.3751 by changing the saturation by 10% instead.


 68.0212, 0.3589,
0.3751

 68.0212, 0.3589,
0.3751


453.5711, 0.3373,
0.3537

 49.9150, 0.3638,
0.3800


 116.3825, 0.3514,
0.3677

 35.3459, 0.3699,
0.3860


147.4063, 0.3485,
0.3648

 23.9294, 0.3776,
0.3936


183.5048, 0.3460,
0.3623

 15.2813, 0.3876,
0.4033

225.0624, 0.3438,
0.3601

 9.0170, 0.4009,
0.4163

272.4634, 0.3419,
0.3582

 4.7523, 0.4194,
0.4342

326.0923, 0.3402,

 2.1027, 0.4601,

0.3565

0.4739

386.3334, 0.3387,
0.3550

0.6661, 0.4965,
0.5035

0.0000, 0.0000,
0.0000

68.0212, 0.3589,
0.3751

68.0212, 0.3589,
0.3751

63.3744, 0.3788,
0.3927

73.0214, 0.3404,
0.3575

59.0609, 0.3997,
0.4096

78.3760, 0.3235,
0.3404

55.0718, 0.4210,
0.4247

84.0978, 0.3082,
0.3241

51.3943, 0.4418,
0.4369

89.5603, 0.3000,
0.3182

■ 48.0143, 0.4610,
0.4451

■ 94.3666, 0.3000,
0.3260

■ 44.9153, 0.4776,
0.4484

■ 96.2362, 0.3000,
0.3290

■ 42.0774, 0.4909,
0.4465

■ 41.2471, 0.4947,
0.4454

Harmonies

Analogous

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



68.0212, 0.3700, 0.3578



68.0212, 0.3589, 0.3751



68.0212, 0.3354, 0.3804

Triad

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



68.0212, 0.3589, 0.3751



68.0212, 0.2630, 0.3200



68.0212, 0.3168, 0.2921

Complementary

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



68.0212, 0.3589, 0.3751



52.3218, 0.2685, 0.2781

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.



68.0212, 0.2885, 0.2821



68.0212, 0.3589, 0.3751



68.0212, 0.2585, 0.2967

Square

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



68.0212, 0.3589, 0.3751



68.0212, 0.2803, 0.3475



68.0212, 0.2676, 0.2834



68.0212, 0.3452, 0.3108

Rectangle

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



68.0212, 0.3589, 0.3751



68.0212, 0.3163, 0.3755



68.0212, 0.2676, 0.2834



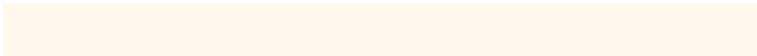
68.0212, 0.3070, 0.2876

Sweetspot

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



68.0243, 0.3589, 0.3751



94.4879, 0.3253, 0.3422



50.4835, 0.3507, 0.3045



20.0093, 0.3277, 0.3448



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.



68.0243, 0.3589, 0.3751



79.6517, 0.3692, 0.3844



77.7383, 0.3464, 0.3978



16.7308, 0.3276, 0.3446



23.4144, 0.4932, 0.4466



2.0143, 0.4804, 0.4568

Inverse Universe

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



52.3218, 0.2685, 0.2781



57.7520, 0.2592, 0.2665



44.8356, 0.2729, 0.2531



15.3703, 0.2980, 0.3129



6.6143, 0.1634, 0.1083



0.6906, 0.1711, 0.1359

Previews

White Background



This preview shows how the Yxy color 68.0212, 0.3589, 0.3751 looks on a white background.

Color Contrast Check

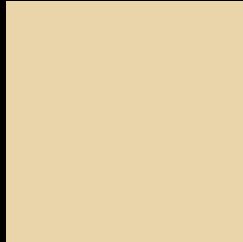
Large Text (above 18pt) WCAG AA × Fail

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 68.0212, 0.3589, 0.3751 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

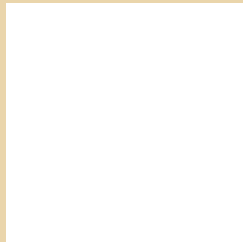
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0212, 0.3589, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 68.0212, 0.3589, 0.3751.



This preview shows how white text looks on a background with the Yxy color 68.0212, 0.3589, 0.3751.

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

68.0212, 0.3589, 0.3751

Protanopia

68.2374, 0.3537, 0.3767

Deuteranopia

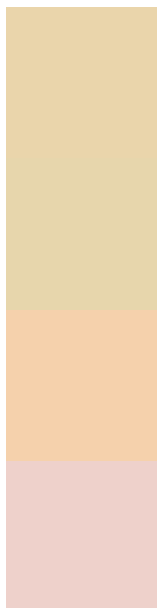
68.1134, 0.3735, 0.3659



Tritanopia

67.9418, 0.3272, 0.3122

Trichromacy



Original Color

68.0212, 0.3589, 0.3751

Protanomaly

68.0606, 0.3555, 0.3754

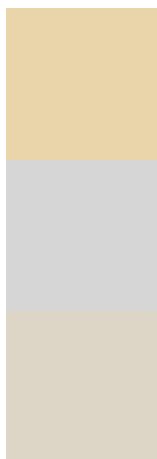
Deuteranomaly

67.9920, 0.3681, 0.3686

Tritanomaly

68.0899, 0.3392, 0.3355

Monochromacy



Original Color

68.0212, 0.3589, 0.3751

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5425, 0.3290, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0212, 0.3589, 0.3751 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, 213, 171)` looks like.

```
.text, #text, p{  
    color:rgb(234, 213, 171)  
}
```

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, 213, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 213, 171) }
```

Border

The CSS property to change the border of an element to Yxy 68.0212, 0.3589, 0.3751 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, 213, 171) }
```

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

```
.border{ border-color:rgb(234, 213, 171) }
```

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

Here you see how a box with a 4 pixel rgb(234, 213, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 213, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 213, 171);  
box-shadow:4px 4px 4px 4px rgb(234, 213,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0212, 0.3589, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 213, 171) }
```

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

```
.background{ background-color: rgb(234,  
213, 171) }
```

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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