

Converting Colors

$Yxy(67.9871, 0.3603, 0.3856)$

Have a look what the booklet for
Yxy(67.9871, 0.3603, 0.3856)
contains.

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Color

Yxy(68.1042, 0.3602, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	E6D7A4
RGB	230, 215, 164
RGB Percent	90%, 84%, 64%
CMY	0.0981, 0.1568, 0.3568
CMYK	0.00, 0.07, 0.29, 0.10
HSL	46°, 57%, 77%
HSV	46°, 29%, 90%
XYZ	63.6346, 68.1042, 44.9258
YIQ	213.6710, 25.3110, -12.6810

Conversions

Conversions Part 2

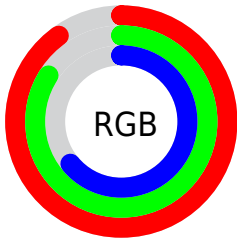
Format	Color
RYB	183, 230, 164
Decimal	15128484
CIELab	86.06, -2.50, 27.07
CIELCh	86, 27.185, 95.272
Yxy	68.1042, 0.3602, 0.3855
Android (android.graphics.Color)	4293318564 (0xFFE6D7A4)
YUV	213.6710, -24.4878, 14.3205
Hunter-Lab	82.5253, -6.7793, 25.4909

Details

The Yxy color **68.1042, 0.3602, 0.3855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8544, 0.2645, 0.2652**, and the grayscale version is **67.1698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **35.3101, 0.3716, 0.3982** is the 20% darker color. If you saturate the color by 10%, you get **64.7309, 0.3785, 0.4054**, and if you desaturate by 10%, it is **71.7189, 0.3426, 0.3653**.

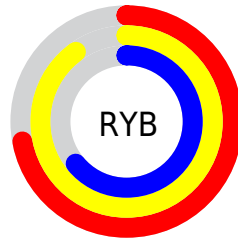
Distribution



Red (90%)

Green (84%)

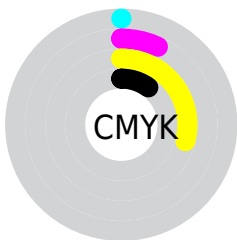
Blue (64%)



Red (72%)

Yellow (90%)

Blue (64%)

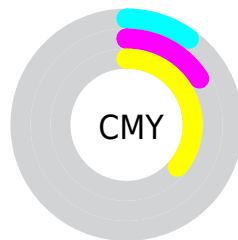


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (10%)



Cyan (10%)

Magenta (16%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1042, 0.3602, 0.3855 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 68.1042, 0.3602, 0.3855 by changing the saturation by 10% instead.


 68.1042, 0.3602,
0.3855

 68.1042, 0.3602,
0.3855


453.8651, 0.3382,
0.3591

 49.9825, 0.3652,
0.3915


 116.5012, 0.3526,
0.3763

 35.3995, 0.3713,
0.3990


 147.5453, 0.3496,
0.3727

 23.9708, 0.3789,
0.4084


183.6656, 0.3471,
0.3697

 15.3119, 0.3886,
0.4205

225.2467, 0.3448,
0.3670

 9.0386, 0.4013,
0.4367

272.6727, 0.3429,
0.3647

 4.7664, 0.4183,
0.4588

326.3282, 0.3411,

 2.1108, 0.4686,

0.3626

0.5208

386.5975, 0.3396,
0.3607

0.6707, 0.4622,
0.5378

0.0000, 0.0000,
0.0000

68.1042, 0.3602,
0.3855

68.1042, 0.3602,
0.3855

64.7309, 0.3785,
0.4054

71.7189, 0.3426,
0.3653

61.5809, 0.3969,
0.4241

75.5741, 0.3261,
0.3455

58.6477, 0.4147,
0.4407

79.6806, 0.3108,
0.3266

55.9205, 0.4313,
0.4540

83.9795, 0.2974,
0.3097

■ 53.3874, 0.4456,
0.4632

■ 87.0311, 0.2974,
0.3150

■ 51.0342, 0.4572,
0.4677

■ 90.1714, 0.2975,
0.3203

■ 48.8404, 0.4658,
0.4676

■ 93.4012, 0.2975,
0.3256

■ 48.5594, 0.4669,
0.4675

■ 95.5619, 0.2976,
0.3290

Harmonies

Analogous

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



68.1042, 0.3775, 0.3679



68.1042, 0.3602, 0.3855



68.1042, 0.3305, 0.3878

Triad

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



68.1042, 0.3602, 0.3855



68.1042, 0.2527, 0.3105



68.1042, 0.3261, 0.2912

Complementary

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



68.1042, 0.3602, 0.3855



45.8544, 0.2645, 0.2652

Split Complementary

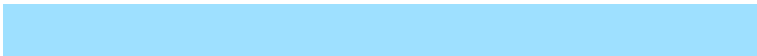
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.1042, 0.2924, 0.2769



68.1042, 0.3602, 0.3855



68.1042, 0.2515, 0.2863

Square

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



68.1042, 0.3602, 0.3855



68.1042, 0.2689, 0.3423



68.1042, 0.2656, 0.2748



68.1042, 0.3575, 0.3145

Rectangle

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



68.1042, 0.3602, 0.3855



68.1042, 0.3081, 0.3790



68.1042, 0.2656, 0.2748



68.1042, 0.3146, 0.2853

Sweetspot

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



68.1073, 0.3602, 0.3855



95.3273, 0.3267, 0.3463



46.6545, 0.3612, 0.3115



20.2475, 0.3290, 0.3491



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.



68.1073, 0.3602, 0.3855



83.6883, 0.3702, 0.3965



73.3281, 0.3429, 0.4038



16.2326, 0.3273, 0.3471



27.6857, 0.4660, 0.4682



2.1821, 0.4578, 0.4747

Inverse Universe

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



45.8544, 0.2645, 0.2652



51.5432, 0.2541, 0.2507



42.1724, 0.2759, 0.2488



14.4157, 0.2980, 0.3103



4.7897, 0.1569, 0.0848



0.4921, 0.1644, 0.1117

Previews

White Background



This preview shows how the Yxy color 68.1042, 0.3602, 0.3855 looks on a white background.

Color Contrast Check

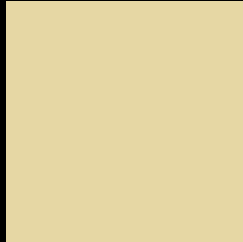
Large Text (above 18pt) WCAG AA × Fail

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 68.1042, 0.3602, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

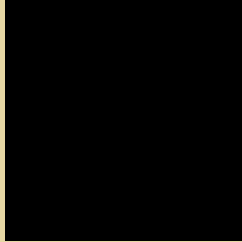
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1042, 0.3602, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 68.1042, 0.3602, 0.3855.

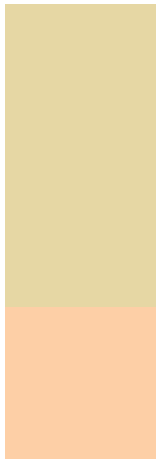


This preview shows how white text looks on a background with the Yxy color 68.1042, 0.3602, 0.3855.

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

68.1042, 0.3602, 0.3855

Protanopia

68.1042, 0.3602, 0.3855

Deuteranopia

68.2615, 0.3798, 0.3719



Tritanopia

67.9579, 0.3241, 0.3121

Trichromacy



Original Color

68.1042, 0.3602, 0.3855

Protanomaly

68.1042, 0.3602, 0.3855

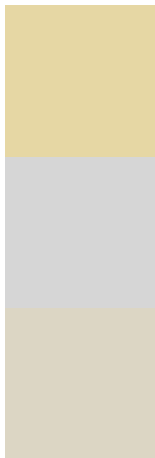
Deuteranomaly

68.2223, 0.3731, 0.3771

Tritanomaly

67.8499, 0.3367, 0.3377

Monochromacy



Original Color

68.1042, 0.3602, 0.3855

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.2943, 0.3297, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1042, 0.3602, 0.3855 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(230, 215, 164)` looks like.

```
.text, #text, p{  
    color:rgb(230, 215, 164)  
}
```

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(230, 215, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 215, 164) }
```

Border

The CSS property to change the border of an element to Yxy 68.1042, 0.3602, 0.3855 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(230, 215, 164) }
```

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

```
.border{ border-color:rgb(230, 215, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 215, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 215, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 215, 164);  
box-shadow:4px 4px 4px 4px rgb(230, 215,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1042, 0.3602, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 215, 164) }
```

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

```
.background{ background-color: rgb(230,  
215, 164) }
```

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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