

Converting Colors

$Yxy(60.2961, 0.3701, 0.3786)$

Have a look what the booklet for
Yxy(60.2961, 0.3701, 0.3786)
contains.

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Color

Yxy(60.3669, 0.3701, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	E5C89C
RGB	229, 200, 156
RGB Percent	90%, 78%, 61%
CMY	0.1020, 0.2156, 0.3883
CMYK	0.00, 0.13, 0.32, 0.10
HSL	36°, 58%, 75%
HSV	36°, 32%, 90%
XYZ	58.9649, 60.3669, 39.9897
YIQ	203.6550, 31.4080, -7.5360

Conversions

Conversions Part 2

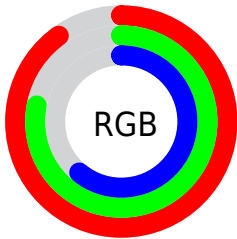
Format	Color
RYB	204, 229, 156
Decimal	15059100
CIELab	82.04, 3.86, 25.80
CIELCh	82, 26.090, 81.485
Yxy	60.3669, 0.3701, 0.3789
Android (android.graphics.Color)	4293249180 (0xFFE5C89C)
YUV	203.6550, -23.4939, 22.2276
Hunter-Lab	77.6961, -0.5017, 23.8711

Details

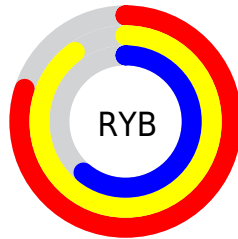
The Yxy color **60.3669, 0.3701, 0.3789** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.4071, 0.2605, 0.2733**, and the grayscale version is **60.2909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **30.4415, 0.3855, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **55.5792, 0.3918, 0.3948**, and if you desaturate by 10%, it is **65.5568, 0.3500, 0.3627**.

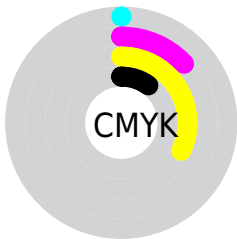
Distribution



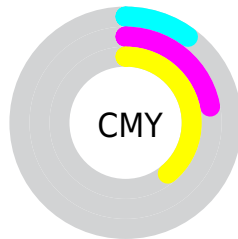
- Red (90%)
- Green (78%)
- Blue (61%)



- Red (80%)
- Yellow (90%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (10%)





- Cyan (10%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3669, 0.3701, 0.3789 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 60.3669, 0.3701, 0.3789 by changing the saturation by 10% instead.

 60.3669, 0.3701,
0.3789

 60.3669, 0.3701,
0.3789


425.9488, 0.3427,
0.3555

 43.7144, 0.3765,
0.3843


 105.3617, 0.3605,
0.3707

 30.4461, 0.3844,
0.3909


 134.4729, 0.3568,
0.3676

 20.1774, 0.3946,
0.3992

168.5057, 0.3536,
0.3649

 12.5241, 0.4078,
0.4098

207.8446, 0.3508,
0.3625

 7.1017, 0.4257,
0.4237

252.8740, 0.3484,
0.3604

 3.5258, 0.4508,
0.4423

303.9782, 0.3463,

 1.4120, 0.5109,

0.3586

0.4891

361.5417, 0.3444,
0.3569

0.2255, 0.5778,
0.4222

0.0000, 0.0000,
0.0000

60.3669, 0.3701,
0.3789

60.3669, 0.3701,
0.3789

55.5792, 0.3918,
0.3948

65.5568, 0.3500,
0.3627

51.1727, 0.4148,
0.4095

71.1523, 0.3319,
0.3469

47.1368, 0.4382,
0.4221

77.1674, 0.3156,
0.3318

43.4568, 0.4611,
0.4313

83.6127, 0.3011,
0.3175

■ 40.1164, 0.4821,
0.4359

■ 89.4608, 0.2969,
0.3194

■ 37.0966, 0.5001,
0.4353

■ 95.1106, 0.2970,
0.3285

■ 34.8590, 0.5124,
0.4313

■ 95.3965, 0.2970,
0.3290

Harmonies

Analogous

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



60.3669, 0.3795, 0.3566



60.3669, 0.3701, 0.3789



60.3669, 0.3451, 0.3889

Triad

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



60.3669, 0.3701, 0.3789



60.3669, 0.2584, 0.3247



60.3669, 0.3103, 0.2834

Complementary

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



60.3669, 0.3701, 0.3789



47.4071, 0.2605, 0.2733

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.



60.3669, 0.2789, 0.2743



60.3669, 0.3701, 0.3789



60.3669, 0.2502, 0.2960

Square

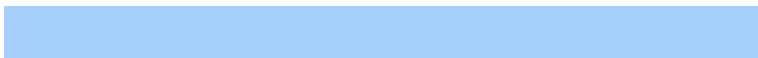
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.3669, 0.3701, 0.3789



60.3669, 0.2807, 0.3568



60.3669, 0.2574, 0.2784



60.3669, 0.3440, 0.3030

Rectangle

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



60.3669, 0.3701, 0.3789



60.3669, 0.3236, 0.3859



60.3669, 0.2574, 0.2784



60.3669, 0.2991, 0.2790

Sweetspot

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



60.3697, 0.3701, 0.3789



92.1757, 0.3287, 0.3441



43.9395, 0.3565, 0.2957



19.5034, 0.3312, 0.3463



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.



60.3697, 0.3701, 0.3789



73.1178, 0.3837, 0.3891



73.9141, 0.3552, 0.4100



15.8067, 0.3277, 0.3432



20.1739, 0.5106, 0.4328



1.6710, 0.4937, 0.4462

Inverse Universe

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



47.4071, 0.2605, 0.2733



54.2350, 0.2495, 0.2600



37.2457, 0.2614, 0.2364



14.8213, 0.2981, 0.3144



7.7230, 0.1683, 0.1258



0.7480, 0.1764, 0.1548

Previews

White Background



This preview shows how the Yxy color 60.3669, 0.3701, 0.3789 looks on a white background.

Color Contrast Check

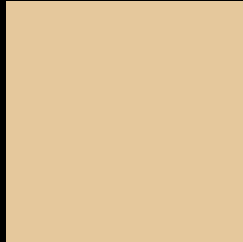
Large Text (above 18pt) WCAG AA × Fail

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 60.3669, 0.3701, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

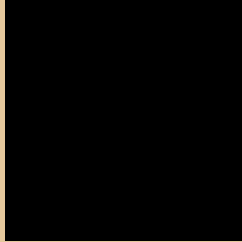
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3669, 0.3701, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 60.3669, 0.3701, 0.3789.



This preview shows how white text looks on a background with the Yxy color 60.3669, 0.3701, 0.3789.

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

60.3669, 0.3701, 0.3789

Protanopia

60.5598, 0.3581, 0.3826

Deuteranopia

60.4394, 0.3800, 0.3719



Tritanopia

60.3562, 0.3353, 0.3127

Trichromacy



Original Color

60.3669, 0.3701, 0.3789

Protanomaly

60.6758, 0.3625, 0.3820

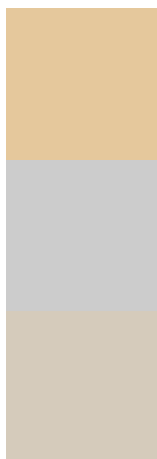
Deuteranomaly

60.1997, 0.3763, 0.3735

Tritanomaly

60.4776, 0.3483, 0.3369

Monochromacy



Original Color

60.3669, 0.3701, 0.3789

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4459, 0.3323, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3669, 0.3701, 0.3789 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(229, 200, 156)` looks like.

```
.text, #text, p{  
    color:rgb(229, 200, 156)  
}
```

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(229, 200, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 200, 156) }
```

Border

The CSS property to change the border of an element to Yxy 60.3669, 0.3701, 0.3789 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(229, 200, 156) }
```

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

```
.border{ border-color:rgb(229, 200, 156) }
```

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

Here you see how a box with a 4 pixel rgb(229, 200, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 200, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 200, 156);  
box-shadow:4px 4px 4px 4px rgb(229, 200,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3669, 0.3701, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 200, 156) }
```

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

```
.background{ background-color: rgb(229,  
200, 156) }
```

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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