

Converting Colors

Yxy(60.8741, 0.3608, 0.3717)

Have a look what the booklet for
Yxy(60.8741, 0.3608, 0.3717)
contains.

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Color

Yxy(61.0901, 0.3607, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	E2CAA4
RGB	226, 202, 164
RGB Percent	89%, 79%, 64%
CMY	0.1137, 0.2078, 0.3567
CMYK	0.00, 0.11, 0.27, 0.11
HSL	37°, 52%, 76%
HSV	37°, 27%, 89%
XYZ	59.1867, 61.0901, 43.8116
YIQ	204.8440, 26.5020, -6.7300

Conversions

Conversions Part 2

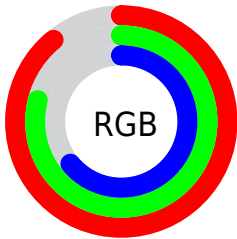
Format	Color
R _Y B	203, 226, 164
Decimal	14863012
CIE Lab	82.43, 2.72, 22.05
CIE LCh	82, 22.217, 82.978
Yxy	61.0901, 0.3607, 0.3723
Android (android.graphics.Color)	4293053092 (0xFFE2CAA4)
YUV	204.8440, -20.1361, 18.5538
Hunter-Lab	78.1602, -1.6114, 21.4779

Details

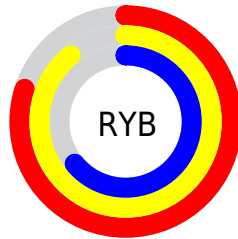
The Yxy color **61.0901, 0.3607, 0.3723** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.3659, 0.2682, 0.2815**, and the grayscale version is **61.0665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **30.8957, 0.3729, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **56.3564, 0.3815, 0.3886**, and if you desaturate by 10%, it is **66.2073, 0.3416, 0.3560**.

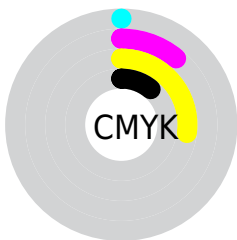
Distribution



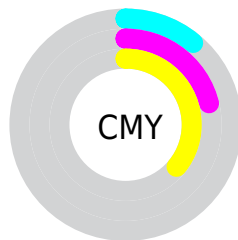
- Red (89%)
- Green (79%)
- Blue (64%)



- Red (80%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (11%)




- Cyan (11%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0901, 0.3607, 0.3723 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 61.0901, 0.3607, 0.3723 by changing the saturation by 10% instead.


 61.0901, 0.3607,
0.3723


 61.0901, 0.3607,
0.3723

428.6043, 0.3378,
0.3519

 44.2979, 0.3661,
0.3770

 106.4094, 0.3526,
0.3652

 30.9048, 0.3727,
0.3829


 135.7052, 0.3495,
0.3624

 20.5263, 0.3813,
0.3903


169.9378, 0.3469,
0.3600

 12.7782, 0.3925,
0.3999

209.4914, 0.3446,
0.3580

 7.2760, 0.4079,
0.4129

254.7504, 0.3426,
0.3562

 3.6353, 0.4299,
0.4308

306.0993, 0.3408,

 1.4717, 0.5037,

0.3546

0.4963

363.9225, 0.3392,
0.3532

0.2687, 0.5449,
0.4551

0.0000, 0.0000,
0.0000

61.0901, 0.3607,
0.3723

61.0901, 0.3607,
0.3723

56.3564, 0.3815,
0.3886

66.2073, 0.3416,
0.3560

51.9864, 0.4037,
0.4042

71.7106, 0.3243,
0.3402

47.9706, 0.4267,
0.4181

77.6129, 0.3089,
0.3252

44.2957, 0.4496,
0.4291

83.9242, 0.2952,
0.3112

■ 40.9469, 0.4711,
0.4361

■ 89.1522, 0.2950,
0.3196

■ 37.9076, 0.4901,
0.4381

■ 94.5947, 0.2952,
0.3285

■ 35.1568, 0.5057,
0.4349

■ 94.9078, 0.2952,
0.3289

■ 34.4851, 0.5095,
0.4336

Harmonies

Analogous

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



61.0901, 0.3693, 0.3540



61.0901, 0.3607, 0.3723



61.0901, 0.3392, 0.3796

Triad

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



61.0901, 0.3607, 0.3723



61.0901, 0.2657, 0.3243



61.0901, 0.3123, 0.2905

Complementary

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



61.0901, 0.3607, 0.3723



49.3659, 0.2682, 0.2815

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.



61.0901, 0.2851, 0.2823



61.0901, 0.3607, 0.3723



61.0901, 0.2592, 0.3003

Square

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



61.0901, 0.3607, 0.3723



61.0901, 0.2844, 0.3512



61.0901, 0.2661, 0.2855



61.0901, 0.3406, 0.3078

Rectangle

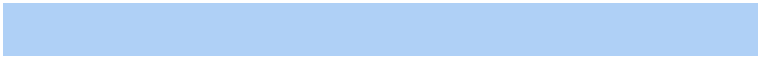
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0901, 0.3607, 0.3723



61.0901, 0.3207, 0.3763



61.0901, 0.2661, 0.2855



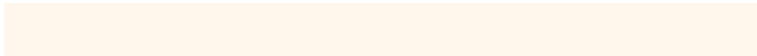
61.0901, 0.3027, 0.2867

Sweetspot

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



61.0929, 0.3607, 0.3723



93.8184, 0.3254, 0.3412



46.3990, 0.3486, 0.3006



19.8403, 0.3279, 0.3435



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.



61.0929, 0.3607, 0.3723



76.6587, 0.3726, 0.3818



72.2557, 0.3493, 0.3984



15.0918, 0.3277, 0.3433



19.9117, 0.5077, 0.4351



1.5523, 0.4905, 0.4487

Inverse Universe

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



49.3659, 0.2682, 0.2815



58.7780, 0.2581, 0.2696



40.6277, 0.2698, 0.2512



14.1092, 0.2981, 0.3142



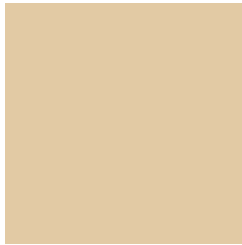
7.2825, 0.1676, 0.1232



0.6748, 0.1761, 0.1540

Previews

White Background



This preview shows how the Yxy color 61.0901, 0.3607, 0.3723 looks on a white background.

Color Contrast Check

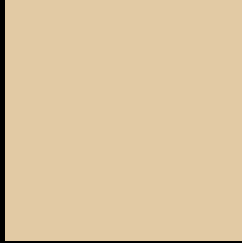
Large Text (above 18pt) WCAG AA × Fail

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 61.0901, 0.3607, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

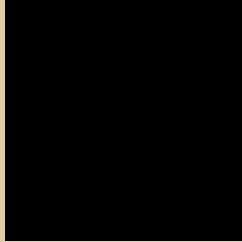
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0901, 0.3607, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 61.0901, 0.3607, 0.3723.



This preview shows how white text looks on a background with the Yxy color 61.0901, 0.3607, 0.3723.

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

61.0901, 0.3607, 0.3723

Protanopia

61.2847, 0.3525, 0.3755

Deuteranopia

60.9998, 0.3724, 0.3643



Tritanopia

61.3388, 0.3302, 0.3127

Trichromacy



Original Color

61.0901, 0.3607, 0.3723

Protanomaly

61.2745, 0.3553, 0.3740

Deuteranomaly

61.0559, 0.3676, 0.3670

Tritanomaly

61.1062, 0.3415, 0.3335

Monochromacy



Original Color

61.0901, 0.3607, 0.3723

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0496, 0.3299, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0901, 0.3607, 0.3723 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(226, 202, 164)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 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(226, 202, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 164) }
```

Border

The CSS property to change the border of an element to Yxy 61.0901, 0.3607, 0.3723 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(226, 202, 164) }
```

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

```
.border{ border-color:rgb(226, 202, 164) }
```

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

Here you see how a box with a 4 pixel rgb(226, 202, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 202, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 202, 164);  
box-shadow:4px 4px 4px 4px rgb(226, 202,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0901, 0.3607, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 164) }
```

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

```
.background{ background-color: rgb(226,  
202, 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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