

Converting Colors

Yxy(61.8092, 0.3591, 0.3629)

Have a look what the booklet for
Yxy(61.8092, 0.3591, 0.3629)
contains.

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Color

Yxy(61.7025, 0.3597, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	E7C9AB
RGB	231, 201, 171
RGB Percent	91%, 79%, 67%
CMY	0.0942, 0.2117, 0.3293
CMYK	0.00, 0.13, 0.26, 0.09
HSL	30°, 56%, 79%
HSV	30°, 26%, 91%
XYZ	61.1921, 61.7025, 47.2253
YIQ	206.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

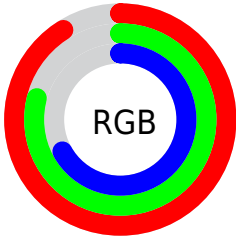
Format	Color
R _Y B	231, 231, 171
Decimal	15190443
CIE Lab	82.75, 6.07, 18.88
CIE LCh	83, 19.828, 72.167
Yxy	61.7025, 0.3597, 0.3627
Android (android.graphics.Color)	4293380523 (0xFFE7C9AB)
YUV	206.5500, -17.5261, 21.4427
Hunter-Lab	78.5509, 1.5895, 19.3402

Details

The Yxy color **61.7025, 0.3597, 0.3627** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.2086, 0.2714, 0.2927**, and the grayscale version is **62.1960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **31.3133, 0.3717, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **55.7152, 0.3822, 0.3763**, and if you desaturate by 10%, it is **68.2543, 0.3397, 0.3493**.

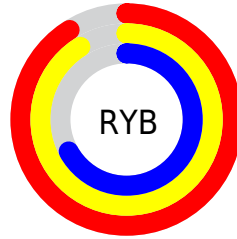
Distribution



Red (91%)

Green (79%)

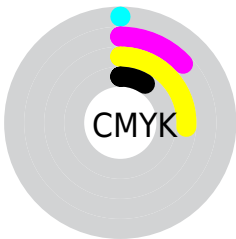
Blue (67%)



Red (91%)

Yellow (91%)

Blue (67%)

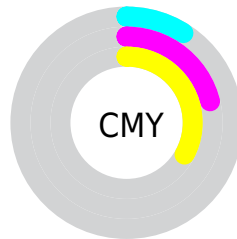


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (9%)



Cyan (9%)


Magenta (21%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7025, 0.3597, 0.3627 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 61.7025, 0.3597, 0.3627 by changing the saturation by 10% instead.


 61.7025, 0.3597,
0.3627

 61.7025, 0.3597,
0.3627


430.8451, 0.3372,
0.3470

 44.7924, 0.3650,
0.3663


 107.2954, 0.3518,
0.3572

 31.2939, 0.3716,
0.3707

136.7470, 0.3487,
0.3551

 20.8228, 0.3801,
0.3763


171.1479, 0.3461,
0.3533

 12.9945, 0.3914,
0.3836

210.8824, 0.3439,
0.3517

 7.4248, 0.4071,
0.3932

256.3350, 0.3419,
0.3503

 3.7291, 0.4300,
0.4065

307.8901, 0.3401,

 1.5232, 0.4898,

0.3491

0.4464

365.9319, 0.3386,
0.3480

0.3050, 0.5896,
0.4104

0.0000, 0.0000,
0.0000

61.7025, 0.3597,
0.3627

61.7025, 0.3597,
0.3627

55.7152, 0.3822,
0.3763

68.2543, 0.3397,
0.3493

50.2672, 0.4070,
0.3894

75.3783, 0.3221,
0.3363

45.3433, 0.4338,
0.4011

83.0924, 0.3068,
0.3242

40.9245, 0.4615,
0.4102

90.8568, 0.2981,
0.3212

■ 36.9899, 0.4888,
0.4155

■ 95.7275, 0.2982,
0.3290

■ 33.5165, 0.5138,
0.4157

■ 30.4779, 0.5350,
0.4104

■ 29.3603, 0.5428,
0.4072

Harmonies

Analogous

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



61.7025, 0.3622, 0.3442



61.7025, 0.3597, 0.3627



61.7025, 0.3443, 0.3731

Triad

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



61.7025, 0.3597, 0.3627



61.7025, 0.2757, 0.3336



61.7025, 0.3032, 0.2908

Complementary

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



61.7025, 0.3597, 0.3627



56.2086, 0.2714, 0.2927

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.



61.7025, 0.2810, 0.2871



61.7025, 0.3597, 0.3627



61.7025, 0.2656, 0.3106

Square

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



61.7025, 0.3597, 0.3627



61.7025, 0.2956, 0.3564



61.7025, 0.2675, 0.2939



61.7025, 0.3288, 0.3038

Rectangle

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



61.7025, 0.3597, 0.3627



61.7025, 0.3290, 0.3733



61.7025, 0.2675, 0.2939



61.7025, 0.2951, 0.2885

Sweetspot

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



61.7053, 0.3597, 0.3627



92.4185, 0.3256, 0.3390



50.3882, 0.3400, 0.2945



19.4876, 0.3282, 0.3409



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.



61.7053, 0.3597, 0.3627



73.2342, 0.3711, 0.3698



76.5180, 0.3521, 0.3928



15.5526, 0.3280, 0.3408



16.7095, 0.5404, 0.4092



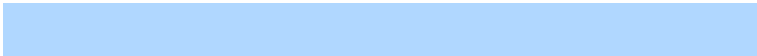
1.4206, 0.5180, 0.4269

Inverse Universe

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



56.2086, 0.2714, 0.2927



65.2890, 0.2628, 0.2843



43.9451, 0.2680, 0.2561



15.0720, 0.2981, 0.3169



10.4221, 0.1773, 0.1582



0.9559, 0.1846, 0.1846

Previews

White Background



This preview shows how the Yxy color 61.7025, 0.3597, 0.3627 looks on a white background.

Color Contrast Check

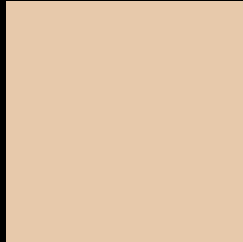
Large Text (above 18pt) WCAG AA × Fail

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 61.7025, 0.3597, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

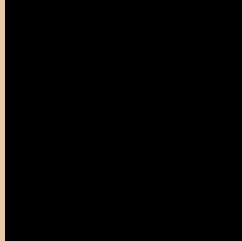
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7025, 0.3597, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 61.7025, 0.3597, 0.3627.



This preview shows how white text looks on a background with the Yxy color 61.7025, 0.3597, 0.3627.

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

61.7025, 0.3597, 0.3627

Protanopia

61.9115, 0.3455, 0.3673

Deuteranopia

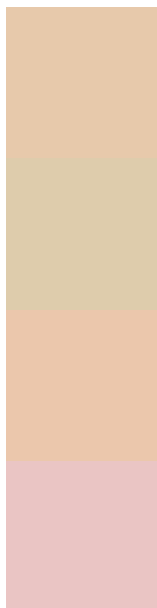
61.5439, 0.3656, 0.3577



Tritanopia

61.5662, 0.3335, 0.3118

Trichromacy



Original Color

61.7025, 0.3597, 0.3627

Protanomaly

61.6939, 0.3508, 0.3658

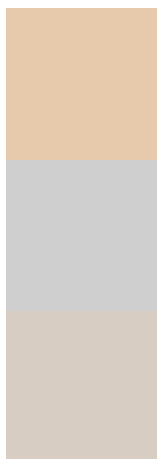
Deuteranomaly

61.4876, 0.3628, 0.3591

Tritanomaly

61.4105, 0.3434, 0.3302

Monochromacy



Original Color

61.7025, 0.3597, 0.3627

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1566, 0.3292, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7025, 0.3597, 0.3627 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(231, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 201, 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(231, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 201, 171) }
```

Border

The CSS property to change the border of an element to Yxy 61.7025, 0.3597, 0.3627 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(231, 201, 171) }
```

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

```
.border{ border-color:rgb(231, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(231, 201,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7025, 0.3597, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 201, 171) }
```

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

```
.background{ background-color: rgb(231,  
201, 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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