

Converting Colors

$Yxy(60.8271, 0.3625, 0.3621)$

Have a look what the booklet for
Yxy(60.8271, 0.3625, 0.3621)
contains.

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Color

Yxy(60.8672, 0.3627, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	E8C7A9
RGB	232, 199, 169
RGB Percent	91%, 78%, 66%
CMY	0.0902, 0.2196, 0.3372
CMYK	0.00, 0.14, 0.27, 0.09
HSL	29°, 58%, 79%
HSV	29°, 27%, 91%
XYZ	60.8672, 60.8672, 46.0825
YIQ	205.4470, 29.2980, -2.3340

Conversions

Conversions Part 2

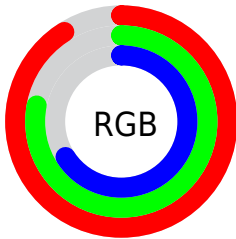
Format	Color
RYB	232, 226, 169
Decimal	15255465
CIELab	82.31, 7.24, 19.33
CIELCh	82, 20.645, 69.481
Yxy	60.8672, 0.3627, 0.3627
Android (android.graphics.Color)	4293445545 (0xFFE8C7A9)
YUV	205.4470, -17.9684, 23.2870
Hunter-Lab	78.0174, 2.7306, 19.5914

Details

The Yxy color $60.8672, 0.3627, 0.3627$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $56.5161, 0.2696, 0.2927$, and the grayscale version is $61.4553, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1618, 0.3310, 0.3592$, and $30.7653, 0.3758, 0.3701$ is the 20% darker color. If you saturate the color by 10%, you get $54.7014, 0.3859, 0.3757$, and if you desaturate by 10%, it is $67.6402, 0.3421, 0.3498$.

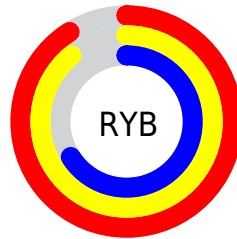
Distribution



Red (91%)

Green (78%)

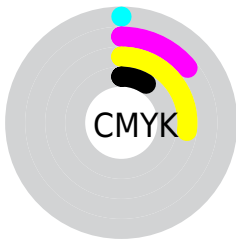
Blue (66%)



Red (91%)

Yellow (89%)

Blue (66%)

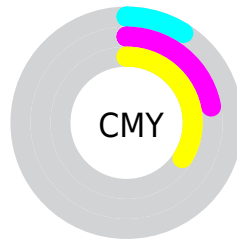


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (9%)



Cyan (9%)


Magenta (22%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8672, 0.3627, 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 60.8672, 0.3627, 0.3627 by changing the saturation by 10% instead.


 60.8672, 0.3627,
0.3627

 60.8672, 0.3627,
0.3627


427.7869, 0.3387,
0.3470

 44.1180, 0.3684,
0.3663


 106.0866, 0.3542,
0.3573

 30.7633, 0.3755,
0.3707


135.3256, 0.3510,
0.3551

 20.4187, 0.3846,
0.3762


169.4967, 0.3482,
0.3533

 12.6997, 0.3967,
0.3833

208.9843, 0.3458,
0.3517

 7.2221, 0.4136,
0.3928

254.1727, 0.3437,
0.3503

 3.6014, 0.4383,
0.4055

305.4463, 0.3418,

 1.4532, 0.5088,

0.3491

0.4504

363.1896, 0.3402,
0.3480

0.2554, 0.6215,
0.3785

0.0000, 0.0000,
0.0000

60.8672, 0.3627,
0.3627

60.8672, 0.3627,
0.3627

54.7014, 0.3859,
0.3757

67.6402, 0.3421,
0.3498

49.1159, 0.4117,
0.3881

75.0296, 0.3241,
0.3374

44.0937, 0.4394,
0.3990

83.0550, 0.3085,
0.3258

39.6137, 0.4683,
0.4072

91.2855, 0.2987,
0.3216

■ 35.6531, 0.4966,
0.4113

■ 95.8978, 0.2988,
0.3290

■ 32.1865, 0.5225,
0.4103

■ 29.1840, 0.5442,
0.4039

■ 28.4042, 0.5500,
0.4015

Harmonies

Analogous

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



60.8672, 0.3640, 0.3429



60.8672, 0.3627, 0.3627



60.8672, 0.3476, 0.3746

Triad

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



60.8672, 0.3627, 0.3627



60.8672, 0.2755, 0.3361



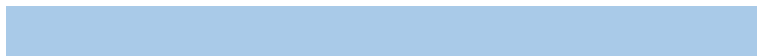
60.8672, 0.3004, 0.2884

Complementary

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



60.8672, 0.3627, 0.3627



56.5161, 0.2696, 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.



60.8672, 0.2778, 0.2854



60.8672, 0.3627, 0.3627



60.8672, 0.2640, 0.3116

Square

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



60.8672, 0.3627, 0.3627



60.8672, 0.2970, 0.3595



60.8672, 0.2648, 0.2934



60.8672, 0.3272, 0.3011

Rectangle

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



60.8672, 0.3627, 0.3627



60.8672, 0.3320, 0.3757



60.8672, 0.2648, 0.2934



60.8672, 0.2921, 0.2862

Sweetspot

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



60.8700, 0.3627, 0.3627



92.1234, 0.3256, 0.3385



49.8321, 0.3407, 0.2917



19.4134, 0.3282, 0.3403



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.



60.8700, 0.3627, 0.3627



70.7360, 0.3764, 0.3705



76.5674, 0.3542, 0.3947



15.4940, 0.3281, 0.3402



16.0158, 0.5474, 0.4036



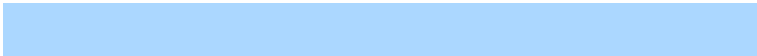
1.3685, 0.5238, 0.4223

Inverse Universe

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



56.5161, 0.2696, 0.2927



64.4338, 0.2598, 0.2833



43.4321, 0.2657, 0.2536



15.1307, 0.2981, 0.3175



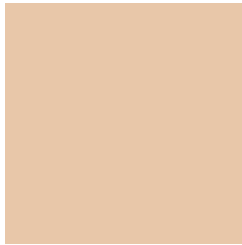
11.1573, 0.1795, 0.1663



1.0103, 0.1866, 0.1918

Previews

White Background



This preview shows how the Yxy color 60.8672, 0.3627, 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 60.8672, 0.3627, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

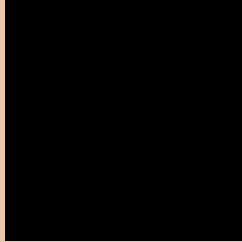
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8672, 0.3627, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 60.8672, 0.3627, 0.3627.



This preview shows how white text looks on a background with the Yxy color 60.8672, 0.3627, 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

60.8672, 0.3627, 0.3627

Protanopia

60.7632, 0.3458, 0.3664

Deuteranopia

60.8016, 0.3675, 0.3601



Tritanopia

60.6985, 0.3370, 0.3128

Trichromacy



Original Color

60.8672, 0.3627, 0.3627

Protanomaly

60.7109, 0.3520, 0.3647

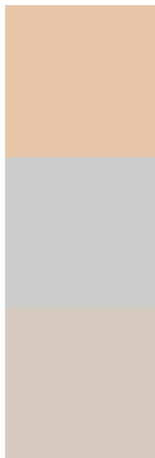
Deuteranomaly

60.9149, 0.3655, 0.3613

Tritanomaly

60.5874, 0.3461, 0.3302

Monochromacy



Original Color

60.8672, 0.3627, 0.3627

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9647, 0.3301, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8672, 0.3627, 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(232, 199, 169)` looks like.

```
.text, #text, p{  
    color:rgb(232, 199, 169)  
}
```

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(232, 199, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 199, 169) }
```

Border

The CSS property to change the border of an element to Yxy 60.8672, 0.3627, 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(232, 199, 169) }
```

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

```
.border{ border-color:rgb(232, 199, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 199, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 199, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 199, 169);  
box-shadow:4px 4px 4px 4px rgb(232, 199,  
169) }
```


Background

The CSS property to change the background color of an element to `rgb(60.8672, 0.3627, 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(232, 199, 169) }
```

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

```
.background{ background-color: rgb(232,  
199, 169) }
```

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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