

Converting Colors

$Y_{xy}(62.5275, 0.3731, 0.3860)$

Have a look what the booklet for
Yxy(62.5275, 0.3731, 0.3860)
contains.

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Color

Yxy(62.4746, 0.3727, 0.3861)

Conversions

Conversions Part 1

Format	Color
Hex	E7CC99
RGB	231, 204, 153
RGB Percent	91%, 80%, 60%
CMY	0.0940, 0.2000, 0.3999
CMYK	0.00, 0.12, 0.34, 0.09
HSL	39°, 62%, 75%
HSV	39°, 34%, 91%
XYZ	60.3064, 62.4746, 39.0284
YIQ	206.2590, 32.4630, -10.1370

Conversions

Conversions Part 2

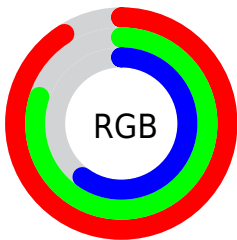
Format	Color
RYB	194, 231, 153
Decimal	15191193
CIELab	83.17, 2.21, 28.90
CIELCh	83, 28.988, 85.626
Yxy	62.4746, 0.3727, 0.3861
Android (android.graphics.Color)	4293381273 (0xFFE7CC99)
YUV	206.2590, -26.2567, 21.6979
Hunter-Lab	79.0409, -2.1302, 26.0527

Details

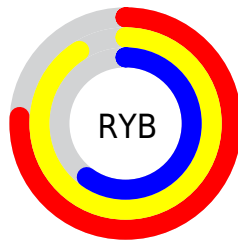
The Yxy color $62.4746, 0.3727, 0.3861$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $45.2141, 0.2565, 0.2642$, and the grayscale version is $62.0566, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.3341, 0.3406, 0.3751$, and $31.7509, 0.3874, 0.4005$ is the 20% darker color. If you saturate the color by 10%, you get $58.0772, 0.3936, 0.4030$, and if you desaturate by 10%, it is $67.2212, 0.3530, 0.3687$.

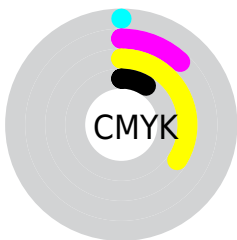
Distribution



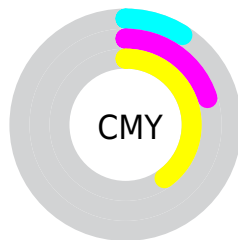
- Red (91%)
- Green (80%)
- Blue (60%)



- Red (76%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4746, 0.3727, 0.3861 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 62.4746, 0.3727, 0.3861 by changing the saturation by 10% instead.


 62.4746, 0.3727,
0.3861

 62.4746, 0.3727,
0.3861


433.6602, 0.3444,
0.3594

 45.4163, 0.3792,
0.3922


 108.4112, 0.3628,
0.3768

 31.7855, 0.3873,
0.3996


 138.0582, 0.3590,
0.3732

 21.1977, 0.3974,
0.4090


172.6703, 0.3557,
0.3701

 13.2686, 0.4105,
0.4208

212.6318, 0.3528,
0.3674

 7.6137, 0.4278,
0.4363

258.3272, 0.3503,
0.3650

 3.8488, 0.4515,
0.4569

310.1408, 0.3481,

 1.5893, 0.5004,

0.3629

0.4996

368.4570, 0.3461,
0.3611

0.3504, 0.5248,
0.4752

0.0000, 0.0000,
0.0000

62.4746, 0.3727,
0.3861

62.4746, 0.3727,
0.3861

58.0772, 0.3936,
0.4030

67.2212, 0.3530,
0.3687

54.0091, 0.4152,
0.4185

72.3192, 0.3349,
0.3515

50.2605, 0.4367,
0.4315

77.7816, 0.3185,
0.3350

46.8180, 0.4571,
0.4409

83.6179, 0.3037,
0.3194

■ 43.6660, 0.4752,
0.4455

■ 88.9340, 0.2981,
0.3180

■ 40.7865, 0.4902,
0.4450

■ 93.8590, 0.2982,
0.3260

■ 39.1124, 0.4982,
0.4426

■ 95.7338, 0.2982,
0.3290

Harmonies

Analogous

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



62.4746, 0.3859, 0.3628



62.4746, 0.3727, 0.3861



62.4746, 0.3434, 0.3951

Triad

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



62.4746, 0.3727, 0.3861



62.4746, 0.2511, 0.3192



62.4746, 0.3151, 0.2816

Complementary

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



62.4746, 0.3727, 0.3861



45.2141, 0.2565, 0.2642

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.



62.4746, 0.2798, 0.2699



62.4746, 0.3727, 0.3861



62.4746, 0.2445, 0.2892

Square

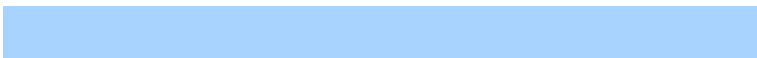
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.4746, 0.3727, 0.3861



62.4746, 0.2734, 0.3549



62.4746, 0.2546, 0.2721



62.4746, 0.3517, 0.3041

Rectangle

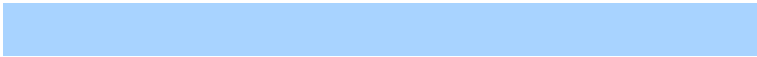
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4746, 0.3727, 0.3861



62.4746, 0.3193, 0.3899



62.4746, 0.2546, 0.2721



62.4746, 0.3027, 0.2763

Sweetspot

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



62.4775, 0.3727, 0.3861



92.9551, 0.3286, 0.3453



43.0940, 0.3639, 0.2980



19.6923, 0.3310, 0.3477



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.



62.4775, 0.3727, 0.3861



74.0160, 0.3882, 0.3988



74.5802, 0.3547, 0.4157



15.9321, 0.3276, 0.3443



22.1612, 0.4966, 0.4439



1.8096, 0.4824, 0.4551

Inverse Universe

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



45.2141, 0.2565, 0.2642



49.1548, 0.2432, 0.2469



36.5328, 0.2608, 0.2308



14.7000, 0.2981, 0.3132



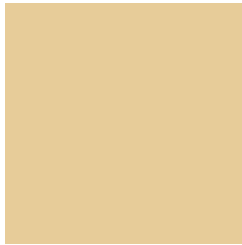
6.6654, 0.1644, 0.1118



0.6612, 0.1725, 0.1411

Previews

White Background



This preview shows how the Yxy color 62.4746, 0.3727, 0.3861 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 62.4746, 0.3727, 0.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

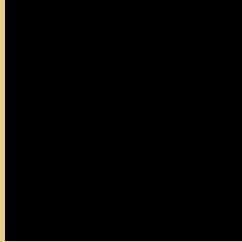
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4746, 0.3727, 0.3861

Background



This preview shows how black text looks on a background with the Yxy color 62.4746, 0.3727, 0.3861.



This preview shows how white text looks on a background with the Yxy color 62.4746, 0.3727, 0.3861.

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

62.4746, 0.3727, 0.3861

Protanopia

62.4883, 0.3635, 0.3898

Deuteranopia

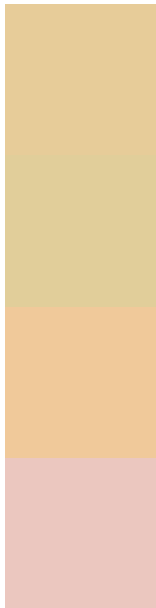
62.5924, 0.3855, 0.3775



Tritanopia

62.4105, 0.3342, 0.3119

Trichromacy



Original Color

62.4746, 0.3727, 0.3861

Protanomaly

62.4833, 0.3663, 0.3882

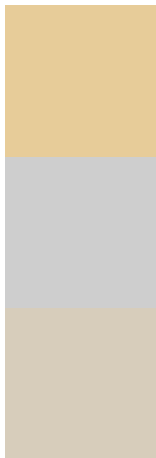
Deuteranomaly

62.6316, 0.3805, 0.3804

Tritanomaly

62.2706, 0.3478, 0.3379

Monochromacy



Original Color

62.4746, 0.3727, 0.3861

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6976, 0.3336, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4746, 0.3727, 0.3861 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, 204, 153)` looks like.

```
.text, #text, p{  
  color:rgb(231, 204, 153)  
}
```

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, 204, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 204, 153) }
```

Border

The CSS property to change the border of an element to Yxy 62.4746, 0.3727, 0.3861 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, 204, 153) }
```

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

```
.border{ border-color:rgb(231, 204, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 204, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 204, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 204, 153); box-shadow:4px 4px 4px 4px rgb(231, 204, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4746, 0.3727, 0.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 204, 153) }
```

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

```
.background{ background-color: rgb(231,  
204, 153) }
```

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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