

Converting Colors

$Yxy(62.7924, 0.3688, 0.3804)$

Have a look what the booklet for
Yxy(62.7924, 0.3688, 0.3804)
contains.

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Color

Yxy(62.6433, 0.3689, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	E7CC9E
RGB	231, 204, 158
RGB Percent	91%, 80%, 62%
CMY	0.0941, 0.2000, 0.3805
CMYK	0.00, 0.12, 0.32, 0.09
HSL	38°, 60%, 76%
HSV	38°, 32%, 91%
XYZ	60.7176, 62.6433, 41.2300
YIQ	206.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

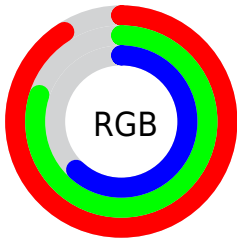
Format	Color
R _Y B	201, 231, 158
Decimal	15191198
CIE Lab	83.25, 2.80, 26.44
CIE LCh	83, 26.583, 83.952
Yxy	62.6433, 0.3689, 0.3806
Android (android.graphics.Color)	4293381278 (0xFFE7CC9E)
YUV	206.8290, -24.0727, 21.1980
Hunter-Lab	79.1475, -1.5729, 24.5175

Details

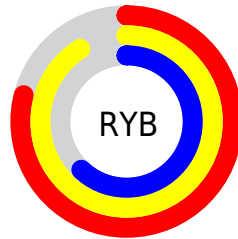
The Yxy color **62.6433, 0.3689, 0.3806** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7230, 0.2606, 0.2712**, and the grayscale version is **62.4246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **31.8520, 0.3824, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **57.9754, 0.3900, 0.3971**, and if you desaturate by 10%, it is **67.6890, 0.3492, 0.3638**.

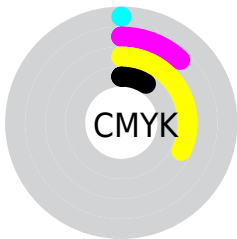
Distribution



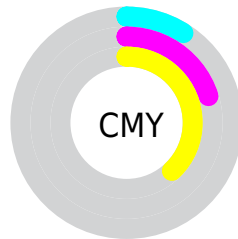
- Red (91%)
- Green (80%)
- Blue (62%)



- Red (79%)
- Yellow (91%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (9%)




- Cyan (9%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6433, 0.3689, 0.3806 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 62.6433, 0.3689, 0.3806 by changing the saturation by 10% instead.


 62.6433, 0.3689,
0.3806

 62.6433, 0.3689,
0.3806


434.2738, 0.3423,
0.3565

 45.5527, 0.3751,
0.3861

 108.6547, 0.3596,
0.3722

 31.8930, 0.3827,
0.3929


 138.3444, 0.3560,
0.3690

 21.2798, 0.3923,
0.4014


173.0025, 0.3529,
0.3661

 13.3287, 0.4049,
0.4123

213.0134, 0.3502,
0.3637

 7.6553, 0.4217,
0.4266

258.7616, 0.3479,
0.3616

 3.8752, 0.4448,
0.4455

310.6315, 0.3458,

 1.6040, 0.5038,

0.3597

0.4962

369.0074, 0.3440,
0.3580

0.3603, 0.5328,
0.4672

0.0000, 0.0000,
0.0000

62.6433, 0.3689,
0.3806

62.6433, 0.3689,
0.3806

57.9754, 0.3900,
0.3971

67.6890, 0.3492,
0.3638

53.6648, 0.4122,
0.4125

73.1151, 0.3313,
0.3473

49.7015, 0.4346,
0.4257

78.9350, 0.3152,
0.3315

46.0714, 0.4563,
0.4355

85.1588, 0.3007,
0.3166

■ 42.7590, 0.4761,
0.4408

■ 90.5479, 0.2981,
0.3207

■ 39.7460, 0.4929,
0.4409

■ 95.7286, 0.2982,
0.3290

■ 37.4265, 0.5047,
0.4375

Harmonies

Analogous

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



62.6433, 0.3799, 0.3589



62.6433, 0.3689, 0.3806



62.6433, 0.3428, 0.3894

Triad

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



62.6433, 0.3689, 0.3806



62.6433, 0.2568, 0.3220



62.6433, 0.3131, 0.2844

Complementary

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



62.6433, 0.3689, 0.3806



47.7230, 0.2606, 0.2712

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.



62.6433, 0.2809, 0.2743



62.6433, 0.3689, 0.3806



62.6433, 0.2498, 0.2939

Square

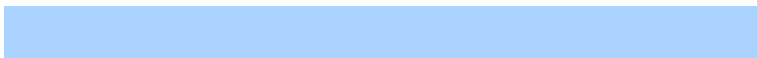
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6433, 0.3689, 0.3806



62.6433, 0.2782, 0.3545



62.6433, 0.2583, 0.2772



62.6433, 0.3468, 0.3048

Rectangle

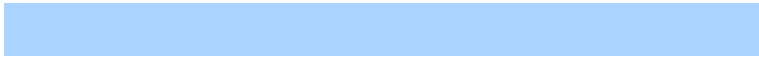
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6433, 0.3689, 0.3806



62.6433, 0.3208, 0.3853



62.6433, 0.2583, 0.2772



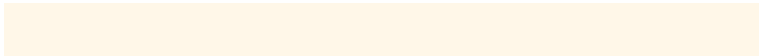
62.6433, 0.3017, 0.2797

Sweetspot

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



62.6462, 0.3689, 0.3806



93.3153, 0.3270, 0.3431



44.9802, 0.3572, 0.2973



19.7502, 0.3294, 0.3455



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.



62.6462, 0.3689, 0.3806



74.4898, 0.3827, 0.3916



75.2242, 0.3540, 0.4096



15.8746, 0.3277, 0.3438



21.2273, 0.5029, 0.4389



1.7448, 0.4875, 0.4511

Inverse Universe

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



47.7230, 0.2606, 0.2712



53.0466, 0.2490, 0.2567



38.3782, 0.2628, 0.2375



14.7554, 0.2981, 0.3138



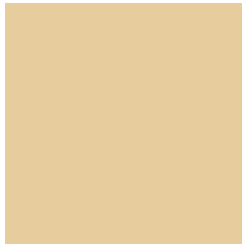
7.1288, 0.1661, 0.1180



0.6998, 0.1743, 0.1473

Previews

White Background



This preview shows how the Yxy color 62.6433, 0.3689, 0.3806 looks on a white background.

Color Contrast Check

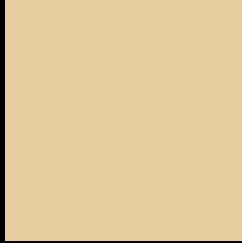
Large Text (above 18pt) WCAG AA × Fail

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 62.6433, 0.3689, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

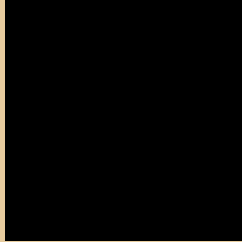
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6433, 0.3689, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 62.6433, 0.3689, 0.3806.



This preview shows how white text looks on a background with the Yxy color 62.6433, 0.3689, 0.3806.

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

62.6433, 0.3689, 0.3806

Protanopia

62.6584, 0.3597, 0.3840

Deuteranopia

62.5831, 0.3807, 0.3723



Tritanopia

62.6905, 0.3333, 0.3129

Trichromacy



Original Color

62.6433, 0.3689, 0.3806

Protanomaly

62.6534, 0.3625, 0.3825

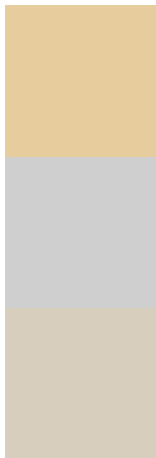
Deuteranomaly

62.6272, 0.3758, 0.3751

Tritanomaly

62.7765, 0.3468, 0.3379

Monochromacy



Original Color

62.6433, 0.3689, 0.3806

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4157, 0.3327, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6433, 0.3689, 0.3806 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(231, 204, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 204, 158) }
```

Border

The CSS property to change the border of an element to Yxy 62.6433, 0.3689, 0.3806 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, 158) }
```

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

```
.border{ border-color:rgb(231, 204, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 204, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 204, 158);  
box-shadow:4px 4px 4px 4px rgb(231, 204,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6433, 0.3689, 0.3806 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, 158) }
```

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

```
.background{ background-color: rgb(231,  
204, 158) }
```

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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