

Converting Colors

$Yxy(61.8093, 0.3636, 0.3701)$

Have a look what the booklet for
Yxy(61.8093, 0.3636, 0.3701)
contains.

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Color

Yxy(61.9466, 0.3641, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	E7CAA5
RGB	231, 202, 165
RGB Percent	91%, 79%, 65%
CMY	0.0942, 0.2078, 0.3529
CMYK	0.00, 0.13, 0.29, 0.09
HSL	34°, 58%, 78%
HSV	34°, 29%, 91%
XYZ	60.8601, 61.9466, 44.3455
YIQ	206.4530, 29.1610, -5.3590

Conversions

Conversions Part 2

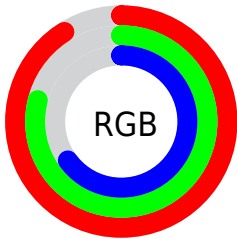
Format	Color
R _Y B	217, 231, 165
Decimal	15190693
CIE Lab	82.89, 4.73, 22.24
CIE LCh	83, 22.739, 77.996
Yxy	61.9466, 0.3641, 0.3706
Android (android.graphics.Color)	4293380773 (0xFFE7CAA5)
YUV	206.4530, -20.4363, 21.5277
Hunter-Lab	78.7062, 0.2906, 21.6885

Details

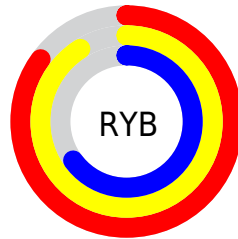
The Yxy color **61.9466, 0.3641, 0.3706** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.3309, 0.2666, 0.2834**, and the grayscale version is **62.1463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **31.4860, 0.3775, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **56.5802, 0.3861, 0.3857**, and if you desaturate by 10%, it is **67.7831, 0.3442, 0.3555**.

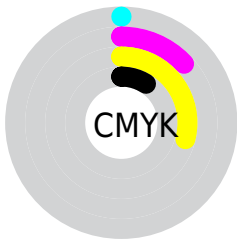
Distribution



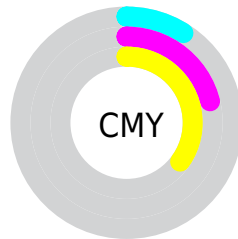
- Red (91%)
- Green (79%)
- Blue (65%)



- Red (85%)
- Yellow (91%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (9%)



- Cyan (9%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9466, 0.3641, 0.3706 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 61.9466, 0.3641, 0.3706 by changing the saturation by 10% instead.


 61.9466, 0.3641,
0.3706


 61.9466, 0.3641,
0.3706


431.7363, 0.3396,
0.3512

 44.9896, 0.3698,
0.3750


 107.6483, 0.3555,
0.3638

 31.4492, 0.3770,
0.3805


 137.1618, 0.3522,
0.3612

 20.9411, 0.3861,
0.3874


171.6296, 0.3493,
0.3589

 13.0810, 0.3982,
0.3963

211.4360, 0.3469,
0.3570

 7.4843, 0.4146,
0.4081

256.9655, 0.3447,
0.3553

 3.7668, 0.4382,
0.4241

308.6025, 0.3428,

 1.5440, 0.5153,

0.3537

0.4847

366.7312, 0.3411,
0.3524

0.3194, 0.5675,
0.4325

0.0000, 0.0000,
0.0000

61.9466, 0.3641,
0.3706

61.9466, 0.3641,
0.3706

56.5802, 0.3861,
0.3857

67.7831, 0.3442,
0.3555

51.6614, 0.4098,
0.3999

74.0945, 0.3263,
0.3409

47.1777, 0.4347,
0.4125

80.8964, 0.3106,
0.3271

43.1130, 0.4597,
0.4220

88.0462, 0.2981,
0.3165

■ 39.4494, 0.4835,
0.4274

■ 94.2680, 0.2981,
0.3267

■ 36.1667, 0.5047,
0.4276

■ 95.7243, 0.2981,
0.3290

■ 33.2384, 0.5223,
0.4225

■ 32.8423, 0.5247,
0.4216

Harmonies

Analogous

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



61.9466, 0.3702, 0.3506



61.9466, 0.3641, 0.3706



61.9466, 0.3439, 0.3804

Triad

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



61.9466, 0.3641, 0.3706



61.9466, 0.2673, 0.3287



61.9466, 0.3073, 0.2878

Complementary

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



61.9466, 0.3641, 0.3706



52.3309, 0.2666, 0.2834

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.



61.9466, 0.2807, 0.2812



61.9466, 0.3641, 0.3706



61.9466, 0.2584, 0.3032

Square

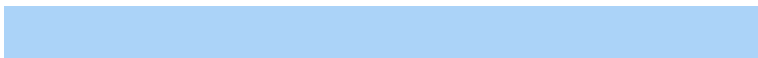
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.9466, 0.3641, 0.3706



61.9466, 0.2880, 0.3559



61.9466, 0.2632, 0.2864



61.9466, 0.3366, 0.3040

Rectangle

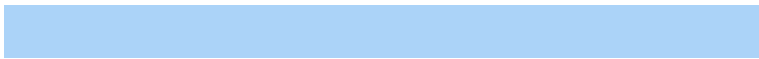
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9466, 0.3641, 0.3706



61.9466, 0.3257, 0.3788



61.9466, 0.2632, 0.2864



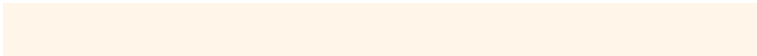
61.9466, 0.2978, 0.2844

Sweetspot

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



61.9494, 0.3641, 0.3706



92.3497, 0.3272, 0.3416



47.8203, 0.3476, 0.2956



19.5121, 0.3296, 0.3437



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.



61.9494, 0.3641, 0.3706



73.6965, 0.3762, 0.3791



76.2933, 0.3534, 0.4009



15.7029, 0.3278, 0.3422



18.6683, 0.5226, 0.4233



1.5638, 0.5034, 0.4385

Inverse Universe

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



52.3309, 0.2666, 0.2834



59.8908, 0.2570, 0.2728



41.0356, 0.2651, 0.2468



14.9229, 0.2981, 0.3155



8.7324, 0.1718, 0.1385



0.8276, 0.1797, 0.1667

Previews

White Background



This preview shows how the Yxy color 61.9466, 0.3641, 0.3706 looks on a white background.

Color Contrast Check

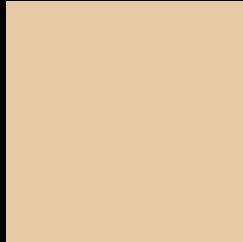
Large Text (above 18pt) WCAG AA × Fail

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 61.9466, 0.3641, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

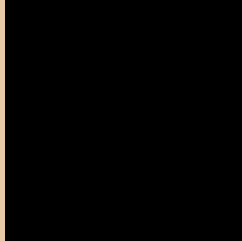
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9466, 0.3641, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 61.9466, 0.3641, 0.3706.



This preview shows how white text looks on a background with the Yxy color 61.9466, 0.3641, 0.3706.

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

61.9466, 0.3641, 0.3706

Protanopia

61.9927, 0.3516, 0.3741

Deuteranopia

61.6666, 0.3721, 0.3642



Tritanopia

62.0159, 0.3334, 0.3129

Trichromacy



Original Color

61.9466, 0.3641, 0.3706

Protanomaly

62.1038, 0.3559, 0.3737

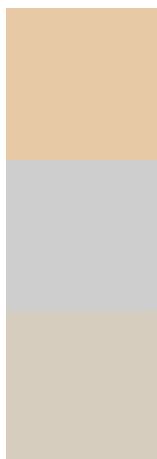
Deuteranomaly

61.6045, 0.3693, 0.3656

Tritanomaly

61.7756, 0.3448, 0.3335

Monochromacy



Original Color

61.9466, 0.3641, 0.3706

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8713, 0.3306, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9466, 0.3641, 0.3706 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, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(231, 202, 165)  
}
```

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, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 202, 165) }
```

Border

The CSS property to change the border of an element to Yxy 61.9466, 0.3641, 0.3706 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, 202, 165) }
```

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

```
.border{ border-color:rgb(231, 202, 165) }
```

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

Here you see how a box with a 4 pixel rgb(231, 202, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(231, 202,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9466, 0.3641, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 202, 165) }
```

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

```
.background{ background-color: rgb(231,  
202, 165) }
```

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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