

Converting Colors

Yxy(61.7891, 0.3578, 0.3698)

Have a look what the booklet for
Yxy(61.7891, 0.3578, 0.3698)
contains.

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Color

Yxy(61.6706, 0.3581, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	E2CBA7
RGB	226, 203, 167
RGB Percent	89%, 80%, 65%
CMY	0.1139, 0.2039, 0.3451
CMYK	0.00, 0.10, 0.26, 0.11
HSL	37°, 50%, 77%
HSV	37°, 26%, 89%
XYZ	59.6871, 61.6706, 45.3196
YIQ	205.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

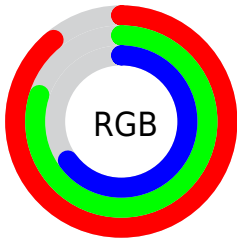
Format	Color
R _Y B	205, 226, 167
Decimal	14863271
CIE Lab	82.74, 2.58, 20.91
CIE LCh	83, 21.069, 82.975
Yxy	61.6706, 0.3581, 0.3700
Android (android.graphics.Color)	4293053351 (0xFFE2CBA7)
YUV	205.7730, -19.1151, 17.7391
Hunter-Lab	78.5306, -1.7598, 20.7555

Details

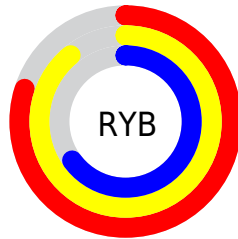
The Yxy color **61.6706, 0.3581, 0.3700** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5126, 0.2704, 0.2842**, and the grayscale version is **61.6806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **31.2787, 0.3694, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **56.8719, 0.3788, 0.3863**, and if you desaturate by 10%, it is **66.8566, 0.3392, 0.3538**.

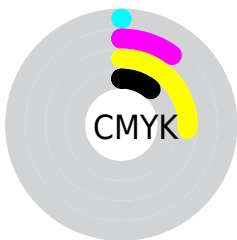
Distribution



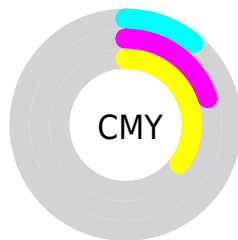
- Red (89%)
- Green (80%)
- Blue (65%)



- Red (80%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6706, 0.3581, 0.3700 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 61.6706, 0.3581, 0.3700 by changing the saturation by 10% instead.


 61.6706, 0.3581,
0.3700


 61.6706, 0.3581,
0.3700


430.7285, 0.3365,
0.3507

 44.7666, 0.3632,
0.3745


 107.2493, 0.3505,
0.3632

 31.2736, 0.3695,
0.3800

 136.6928, 0.3476,
0.3606

 20.8073, 0.3776,
0.3870


171.0849, 0.3451,
0.3584

 12.9832, 0.3882,
0.3962

210.8100, 0.3429,
0.3564

 7.4170, 0.4028,
0.4086

256.2526, 0.3410,
0.3547

 3.7242, 0.4238,
0.4259

307.7969, 0.3393,

 1.5205, 0.4909,

0.3532

0.4856

365.8274, 0.3378,
0.3519

0.3031, 0.5366,
0.4634

0.0000, 0.0000,
0.0000

61.6706, 0.3581,
0.3700

61.6706, 0.3581,
0.3700

56.8719, 0.3788,
0.3863

66.8566, 0.3392,
0.3538

52.4406, 0.4009,
0.4020

72.4324, 0.3222,
0.3381

48.3673, 0.4239,
0.4161

78.4110, 0.3070,
0.3233

44.6388, 0.4469,
0.4276

84.6471, 0.2949,
0.3119

■ 41.2404, 0.4687,
0.4351

■ 89.8999, 0.2950,
0.3209

■ 38.1560, 0.4882,
0.4378

■ 94.9031, 0.2952,
0.3289

■ 35.3658, 0.5044,
0.4351

■ 34.3443, 0.5101,
0.4332

Harmonies

Analogous

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



61.6706, 0.3662, 0.3527



61.6706, 0.3581, 0.3700



61.6706, 0.3378, 0.3768

Triad

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



61.6706, 0.3581, 0.3700



61.6706, 0.2682, 0.3246



61.6706, 0.3123, 0.2925

Complementary

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



61.6706, 0.3581, 0.3700



50.5126, 0.2704, 0.2842

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.



61.6706, 0.2867, 0.2848



61.6706, 0.3581, 0.3700



61.6706, 0.2620, 0.3019

Square

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



61.6706, 0.3581, 0.3700



61.6706, 0.2860, 0.3500



61.6706, 0.2686, 0.2878



61.6706, 0.3391, 0.3090

Rectangle

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



61.6706, 0.3581, 0.3700



61.6706, 0.3204, 0.3736



61.6706, 0.2686, 0.2878



61.6706, 0.3033, 0.2888

Sweetspot

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



61.6734, 0.3581, 0.3700



93.7932, 0.3254, 0.3411



47.5467, 0.3464, 0.3020



19.8340, 0.3279, 0.3435



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.



61.6734, 0.3581, 0.3700



77.8288, 0.3685, 0.3784



72.3903, 0.3476, 0.3950



15.0870, 0.3277, 0.3433



19.8372, 0.5083, 0.4346



1.5474, 0.4909, 0.4484

Inverse Universe

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



50.5126, 0.2704, 0.2842



60.9333, 0.2616, 0.2740



42.0022, 0.2722, 0.2554



14.1139, 0.2981, 0.3143



7.3256, 0.1677, 0.1238



0.6781, 0.1763, 0.1546

Previews

White Background



This preview shows how the Yxy color 61.6706, 0.3581, 0.3700 looks on a white background.

Color Contrast Check

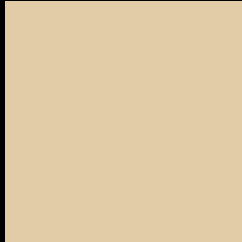
Large Text (above 18pt) WCAG AA × Fail

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 61.6706, 0.3581, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

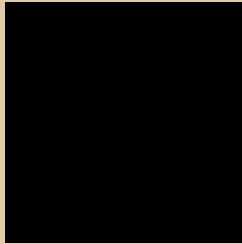
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6706, 0.3581, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 61.6706, 0.3581, 0.3700.



This preview shows how white text looks on a background with the Yxy color 61.6706, 0.3581, 0.3700.

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

61.6706, 0.3581, 0.3700

Protanopia

61.8752, 0.3500, 0.3731

Deuteranopia

61.5660, 0.3697, 0.3621



Tritanopia

61.6749, 0.3285, 0.3127

Trichromacy



Original Color

61.6706, 0.3581, 0.3700

Protanomaly

61.8619, 0.3527, 0.3716

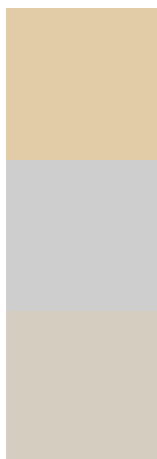
Deuteranomaly

61.6281, 0.3649, 0.3647

Tritanomaly

61.4904, 0.3390, 0.3324

Monochromacy



Original Color

61.6706, 0.3581, 0.3700

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6145, 0.3283, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6706, 0.3581, 0.3700 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(226, 203, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 167)  
}
```

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(226, 203, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 167) }
```

Border

The CSS property to change the border of an element to Yxy 61.6706, 0.3581, 0.3700 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(226, 203, 167) }
```

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

```
.border{ border-color:rgb(226, 203, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 203, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 203, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 203, 167); box-shadow:4px 4px 4px 4px rgb(226, 203, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6706, 0.3581, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 167) }
```

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

```
.background{ background-color: rgb(226,  
203, 167) }
```

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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