

# Converting Colors

Yxy(61.8061, 0.3390, 0.3426)

Have a look what the booklet for  
Yxy(61.8061, 0.3390, 0.3426)  
contains.

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# Color

**Yxy(61.8061, 0.3390, 0.3426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0CABE
RGB	224, 202, 190
RGB Percent	88%, 79%, 75%
CMY	0.1216, 0.2078, 0.2548
CMYK	0.00, 0.10, 0.15, 0.12
HSL	21°, 35%, 81%
HSV	21°, 15%, 88%
XYZ	61.1566, 61.8061, 57.4403
YIQ	207.2100, 16.9640, 0.9320

# Conversions

## Conversions Part 2

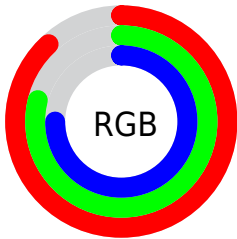
Format	Color
RYP	224, 209, 190
Decimal	14731966
CIELab	82.81, 5.75, 8.76
CIElCh	83, 10.479, 56.715
Yxy	61.8061, 0.3390, 0.3426
Android (android.graphics.Color)	4292922046 (0xFFE0CABE)
YUV	207.2100, -8.4845, 14.7248
Hunter-Lab	78.6169, 1.2770, 11.7124

# Details

The Yxy color **61.8061, 0.3390, 0.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4319, 0.2893, 0.3150**, and the grayscale version is **62.5892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **31.4210, 0.3459, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **54.4135, 0.3602, 0.3522**, and if you desaturate by 10%, it is **69.9945, 0.3209, 0.3335**.

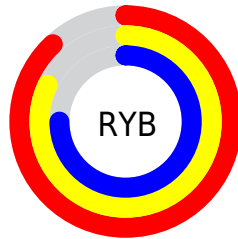
# Distribution



Red (88%)

Green (79%)

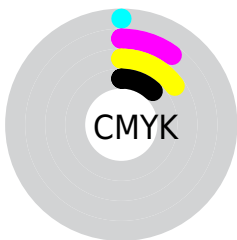
Blue (75%)



Red (88%)

Yellow (82%)

Blue (75%)

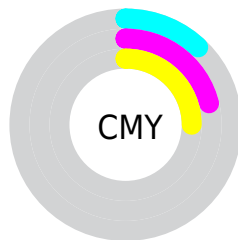


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (12%)



Cyan (12%)

Magenta (21%)


Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8061, 0.3390, 0.3426 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 61.8061, 0.3390, 0.3426 by changing the saturation by 10% instead.




 61.8061, 0.3390,  
0.3426

 61.8061, 0.3390,  
0.3426

431.2235, 0.3264,  
0.3362

 44.8760, 0.3420,  
0.3441


 107.4452, 0.3345,  
0.3404

 31.3598, 0.3457,  
0.3459


136.9231, 0.3328,  
0.3395

 20.8730, 0.3506,  
0.3482


171.3524, 0.3314,  
0.3388

 13.0312, 0.3571,  
0.3513

211.1174, 0.3301,  
0.3381

 7.4500, 0.3663,  
0.3554

256.6027, 0.3290,  
0.3376

 3.7451, 0.3802,  
0.3614

308.1925, 0.3280,

 1.5320, 0.4037,

0.3371

366.2713, 0.3272,  
0.3366

0.3708

0.3111, 0.5836,  
0.4164

0.0000, 0.0000,  
0.0000

61.8061, 0.3390,  
0.3426

61.8061, 0.3390,  
0.3426

54.4135, 0.3602,  
0.3522

69.9945, 0.3209,  
0.3335

47.7840, 0.3849,  
0.3619

78.9937, 0.3056,  
0.3250

41.8946, 0.4132,  
0.3713

88.6841, 0.2938,  
0.3193

36.7182, 0.4448,  
0.3796

94.5864, 0.2940,  
0.3289

■ 32.2257, 0.4789,  
0.3856

■ 28.3856, 0.5136,  
0.3880

■ 25.1638, 0.5462,  
0.3858

■ 22.5216, 0.5735,  
0.3785

■ 21.4319, 0.5849,  
0.3738

# Harmonies

## Analogous

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



61.8061, 0.3364, 0.3316



61.8061, 0.3390, 0.3426



61.8061, 0.3343, 0.3503

# Triad

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



61.8061, 0.3390, 0.3426



61.8061, 0.2981, 0.3379



61.8061, 0.3013, 0.3067

# Complementary

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



61.8061, 0.3390, 0.3426



63.4319, 0.2893, 0.3150

# 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.



61.8061, 0.2914, 0.3078



61.8061, 0.3390, 0.3426



61.8061, 0.2896, 0.3256

# Square

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



61.8061, 0.3390, 0.3426



61.8061, 0.3106, 0.3478



61.8061, 0.2871, 0.3147



61.8061, 0.3144, 0.3112



# Rectangle

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



61.8061, 0.3390, 0.3426



61.8061, 0.3279, 0.3524



61.8061, 0.2871, 0.3147



61.8061, 0.2975, 0.3064

# Sweetspot

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



61.8089, 0.3390, 0.3426



94.0510, 0.3207, 0.3334



57.4470, 0.3235, 0.3044



19.9566, 0.3219, 0.3340



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

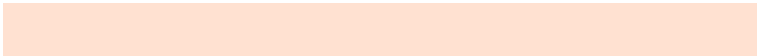


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8089, 0.3390, 0.3426



79.8700, 0.3449, 0.3454



70.1766, 0.3362, 0.3611



14.4870, 0.3283, 0.3373



12.6718, 0.5821, 0.3760



1.0427, 0.5525, 0.3995

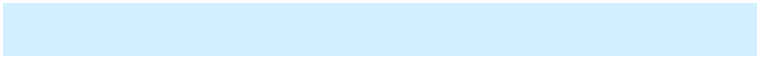


# Inverse Universe

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



63.4319, 0.2893, 0.3150



82.4180, 0.2846, 0.3120



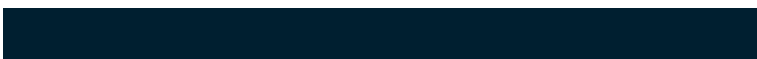
55.4207, 0.2885, 0.2948



14.7168, 0.2982, 0.3205



15.1513, 0.1916, 0.2097

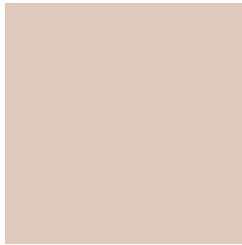


1.2166, 0.1973, 0.2302



# Previews

## White Background



This preview shows how the Yxy color 61.8061, 0.3390, 0.3426 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

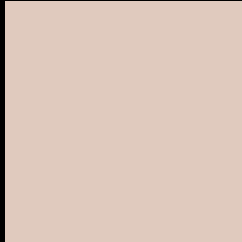
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.8061, 0.3390, 0.3426 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

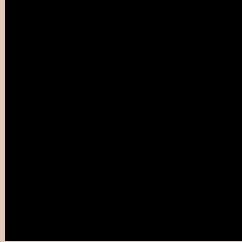
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.8061, 0.3390, 0.3426**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.8061, 0.3390, 0.3426.



This preview shows how white text looks on a background with the Yxy color 61.8061, 0.3390, 0.3426.

# 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

61.8061, 0.3390, 0.3426

### Protanopia

61.6145, 0.3283, 0.3441

### Deuteranopia

61.7642, 0.3453, 0.3380



## Tritanopia

61.5741, 0.3238, 0.3114

# Trichromacy



## Original Color

61.8061, 0.3390, 0.3426

## Protanomaly

61.6990, 0.3323, 0.3440

## Deuteranomaly

61.7282, 0.3427, 0.3391

## Tritanomaly

61.4234, 0.3296, 0.3224

# Monochromacy



## Original Color

61.8061, 0.3390, 0.3426

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

62.0258, 0.3217, 0.3336

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  61.8061, 0.3390, 0.3426 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(224, 202, 190)` looks like.

```
.text, #text, p{  
    color:rgb(224, 202, 190)  
}
```

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(224, 202, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 202, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 61.8061, 0.3390, 0.3426 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(224, 202, 190) }
```

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

```
.border{ border-color:rgb(224, 202, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 202, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 202, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 202, 190);  
box-shadow:4px 4px 4px 4px rgb(224, 202,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.8061, 0.3390, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 202, 190) }
```

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

```
.background{ background-color: rgb(224,  
202, 190) }
```

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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