

Converting Colors

$Yxy(61.6029, 0.3494, 0.3575)$

Have a look what the booklet for
Yxy(61.6029, 0.3494, 0.3575)
contains.

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Color

Yxy(61.4229, 0.3498, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	E1CAB1
RGB	225, 202, 177
RGB Percent	88%, 79%, 69%
CMY	0.1178, 0.2078, 0.3058
CMYK	0.00, 0.10, 0.21, 0.12
HSL	31°, 44%, 79%
HSV	31°, 21%, 88%
XYZ	60.0999, 61.4229, 50.2895
YIQ	206.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

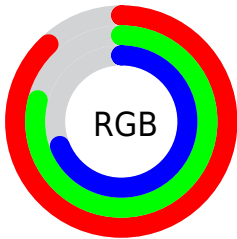
Format	Color
R _Y B	221, 225, 177
Decimal	14797489
CIE Lab	82.61, 4.13, 15.41
CIE LCh	83, 15.956, 74.992
Yxy	61.4229, 0.3498, 0.3575
Android (android.graphics.Color)	4292987569 (0xFFE1CAB1)
YUV	206.0270, -14.3103, 16.6393
Hunter-Lab	78.3728, -0.2701, 16.8163

Details

The Yxy color **61.4229, 0.3498, 0.3575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0727, 0.2790, 0.2987**, and the grayscale version is **61.8221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **31.0701, 0.3594, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **55.7236, 0.3708, 0.3716**, and if you desaturate by 10%, it is **67.6281, 0.3311, 0.3437**.

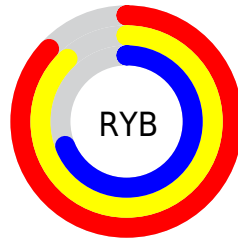
Distribution



Red (88%)

Green (79%)

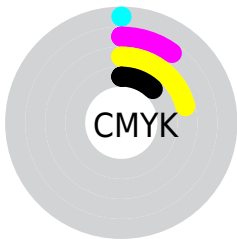
Blue (69%)



Red (87%)

Yellow (88%)

Blue (69%)

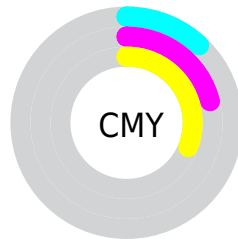


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (12%)



Cyan (12%)


Magenta (21%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4229, 0.3498, 0.3575 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 61.4229, 0.3498, 0.3575 by changing the saturation by 10% instead.


 61.4229, 0.3498,
0.3575

 61.4229, 0.3498,
0.3575

429.8229, 0.3321,
0.3441

 44.5666, 0.3540,
0.3606


 106.8910, 0.3435,
0.3528

 31.1162, 0.3593,
0.3645


136.2716, 0.3411,
0.3510

 20.6873, 0.3660,
0.3694


170.5957, 0.3391,
0.3494

 12.8956, 0.3751,
0.3759

210.2477, 0.3373,
0.3481

 7.3567, 0.3877,
0.3847

255.6120, 0.3357,
0.3469

 3.6862, 0.4064,
0.3973

307.0731, 0.3344,

 1.4996, 0.4476,

0.3458

0.4266

365.0152, 0.3331,
0.3449

0.2885, 0.5652,
0.4348

0.0000, 0.0000,
0.0000

61.4229, 0.3498,
0.3575

61.4229, 0.3498,
0.3575

55.7236, 0.3708,
0.3716

67.6281, 0.3311,
0.3437

50.5074, 0.3941,
0.3856

74.3446, 0.3147,
0.3307

45.7621, 0.4193,
0.3985

81.5881, 0.3003,
0.3184

41.4713, 0.4459,
0.4095

88.5742, 0.2944,
0.3189

■ 37.6175, 0.4725,
0.4172

■ 94.7416, 0.2946,
0.3289

■ 34.1814, 0.4977,
0.4204

■ 31.1415, 0.5198,
0.4182

■ 28.7964, 0.5362,
0.4124

Harmonies

Analogous

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



61.4229, 0.3528, 0.3431



61.4229, 0.3498, 0.3575



61.4229, 0.3367, 0.3647

Triad

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



61.4229, 0.3498, 0.3575



61.4229, 0.2816, 0.3310



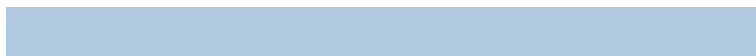
61.4229, 0.3071, 0.2986

Complementary

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



61.4229, 0.3498, 0.3575



56.0727, 0.2790, 0.2987

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.



61.4229, 0.2885, 0.2949



61.4229, 0.3498, 0.3575



61.4229, 0.2742, 0.3128

Square

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



61.4229, 0.3498, 0.3575



61.4229, 0.2973, 0.3494



61.4229, 0.2767, 0.2998



61.4229, 0.3277, 0.3098

Rectangle

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



61.4229, 0.3498, 0.3575



61.4229, 0.3241, 0.3640



61.4229, 0.2767, 0.2998



61.4229, 0.3004, 0.2965

Sweetspot

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



61.4257, 0.3498, 0.3575



94.4706, 0.3222, 0.3367



51.6303, 0.3355, 0.3027



20.0950, 0.3233, 0.3376



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.



61.4257, 0.3498, 0.3575



77.8423, 0.3597, 0.3644



72.8788, 0.3442, 0.3821



14.8772, 0.3279, 0.3412



16.8355, 0.5339, 0.4143



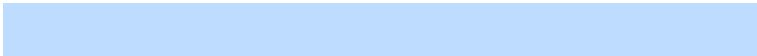
1.3460, 0.5115, 0.4321

Inverse Universe

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



56.0727, 0.2790, 0.2987



69.4114, 0.2709, 0.2908



46.3267, 0.2776, 0.2700



14.3201, 0.2981, 0.3165



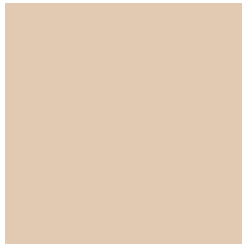
9.5042, 0.1754, 0.1513



0.8373, 0.1833, 0.1800

Previews

White Background



This preview shows how the Yxy color 61.4229, 0.3498, 0.3575 looks on a white background.

Color Contrast Check

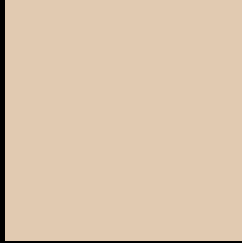
Large Text (above 18pt) WCAG AA × Fail

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 61.4229, 0.3498, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

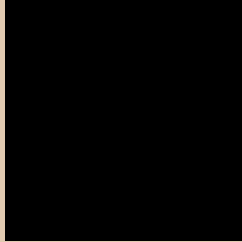
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4229, 0.3498, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 61.4229, 0.3498, 0.3575.



This preview shows how white text looks on a background with the Yxy color 61.4229, 0.3498, 0.3575.

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

61.4229, 0.3498, 0.3575

Protanopia

61.5162, 0.3404, 0.3592

Deuteranopia

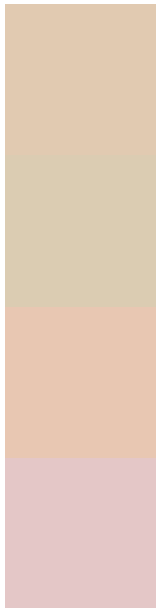
61.4354, 0.3591, 0.3512



Tritanopia

61.3440, 0.3269, 0.3126

Trichromacy



Original Color

61.4229, 0.3498, 0.3575

Protanomaly

61.4602, 0.3437, 0.3590

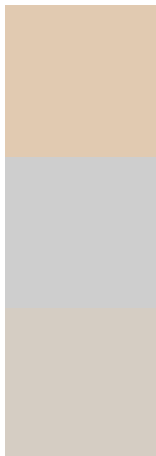
Deuteranomaly

61.2170, 0.3556, 0.3526

Tritanomaly

61.4643, 0.3358, 0.3291

Monochromacy



Original Color

61.4229, 0.3498, 0.3575

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7489, 0.3261, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4229, 0.3498, 0.3575 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(225, 202, 177)` looks like.

```
.text, #text, p{  
    color:rgb(225, 202, 177)  
}
```

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(225, 202, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 202, 177) }
```

Border

The CSS property to change the border of an element to Yxy 61.4229, 0.3498, 0.3575 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(225, 202, 177) }
```

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

```
.border{ border-color:rgb(225, 202, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 202, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 202, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 202, 177);  
box-shadow:4px 4px 4px 4px rgb(225, 202,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4229, 0.3498, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 202, 177) }
```

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

```
.background{ background-color: rgb(225,  
202, 177) }
```

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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