

Converting Colors

Yxy(61.4937, 0.3528, 0.3610)

Have a look what the booklet for
Yxy(61.4937, 0.3528, 0.3610)
contains.

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Color

Yxy(61.4658, 0.3530, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	E2CAAE
RGB	226, 202, 174
RGB Percent	89%, 79%, 68%
CMY	0.1138, 0.2078, 0.3177
CMYK	0.00, 0.11, 0.23, 0.11
HSL	32°, 47%, 78%
HSV	32°, 23%, 89%
XYZ	60.1203, 61.4658, 48.7264
YIQ	205.9840, 23.2920, -3.6200

Conversions

Conversions Part 2

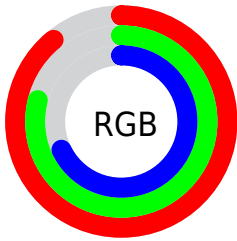
Format	Color
R _Y B	219, 226, 174
Decimal	14863022
CIE Lab	82.63, 4.08, 17.07
CIE LCh	83, 17.551, 76.553
Yxy	61.4658, 0.3530, 0.3609
Android (android.graphics.Color)	4293053102 (0xFFE2CAAE)
YUV	205.9840, -15.7681, 17.5540
Hunter-Lab	78.4001, -0.3193, 18.0308

Details

The Yxy color $61.4658, 0.3530, 0.3609$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $54.8542, 0.2761, 0.2949$, and the grayscale version is $61.8022, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $31.1310, 0.3626, 0.3679$ is the 20% darker color. If you saturate the color by 10%, you get $55.9345, 0.3742, 0.3755$, and if you desaturate by 10%, it is $67.4811, 0.3341, 0.3466$.

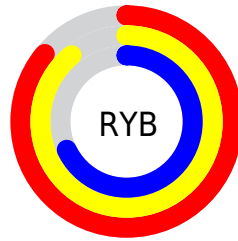
Distribution



Red (89%)

Green (79%)

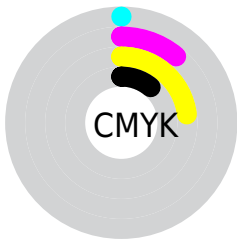
Blue (68%)



Red (86%)

Yellow (89%)

Blue (68%)

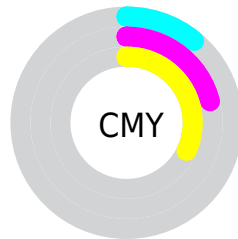


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (21%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4658, 0.3530, 0.3609 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 61.4658, 0.3530, 0.3609 by changing the saturation by 10% instead.

 61.4658, 0.3530,
0.3609

 61.4658, 0.3530,
0.3609


429.9798, 0.3337,
0.3459

 44.6012, 0.3575,
0.3644


 106.9531, 0.3462,
0.3557

 31.1434, 0.3632,
0.3687


136.3446, 0.3436,
0.3536

 20.7081, 0.3706,
0.3742


170.6804, 0.3414,
0.3519

 12.9108, 0.3803,
0.3813

210.3451, 0.3394,
0.3504

 7.3671, 0.3938,
0.3911

255.7230, 0.3377,
0.3490

 3.6928, 0.4138,
0.4049

307.1985, 0.3362,

 1.5032, 0.4623,

0.3479

0.4412

365.1560, 0.3349,
0.3468

0.2910, 0.5639,
0.4361

0.0000, 0.0000,
0.0000

61.4658, 0.3530,
0.3609

61.4658, 0.3530,
0.3609

55.9345, 0.3742,
0.3755

67.4811, 0.3341,
0.3466

50.8649, 0.3974,
0.3897

73.9852, 0.3174,
0.3330

46.2451, 0.4224,
0.4029

80.9935, 0.3027,
0.3202

42.0593, 0.4483,
0.4138

87.8995, 0.2950,
0.3175

■ 38.2906, 0.4740,
0.4212

■ 94.3369, 0.2952,
0.3281

■ 34.9200, 0.4979,
0.4239

■ 94.9073, 0.2952,
0.3289

■ 31.9259, 0.5186,
0.4211

■ 30.0386, 0.5311,
0.4165

Harmonies

Analogous

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



61.4658, 0.3570, 0.3453



61.4658, 0.3530, 0.3609



61.4658, 0.3380, 0.3685

Triad

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



61.4658, 0.3530, 0.3609



61.4658, 0.2779, 0.3301



61.4658, 0.3076, 0.2962

Complementary

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



61.4658, 0.3530, 0.3609



54.8542, 0.2761, 0.2949

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.



61.4658, 0.2870, 0.2916



61.4658, 0.3530, 0.3609



61.4658, 0.2704, 0.3102

Square

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



61.4658, 0.3530, 0.3609



61.4658, 0.2946, 0.3505



61.4658, 0.2737, 0.2964



61.4658, 0.3303, 0.3088

Rectangle

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



61.4658, 0.3530, 0.3609



61.4658, 0.3241, 0.3674



61.4658, 0.2737, 0.2964



61.4658, 0.3002, 0.2937

Sweetspot

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



61.4686, 0.3530, 0.3609



93.7646, 0.3238, 0.3384



50.5187, 0.3384, 0.3015



19.9577, 0.3248, 0.3392



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.



61.4686, 0.3530, 0.3609



76.9908, 0.3637, 0.3684



73.3314, 0.3461, 0.3865



14.9182, 0.3279, 0.3416



17.3788, 0.5288, 0.4183



1.3832, 0.5074, 0.4353

Inverse Universe

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



54.8542, 0.2761, 0.2949



66.7379, 0.2675, 0.2860



44.9494, 0.2750, 0.2647



14.2794, 0.2981, 0.3160



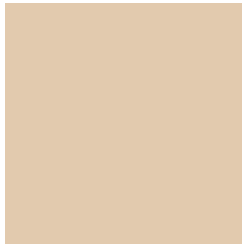
9.0347, 0.1738, 0.1456



0.8039, 0.1819, 0.1749

Previews

White Background



This preview shows how the Yxy color 61.4658, 0.3530, 0.3609 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 61.4658, 0.3530, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

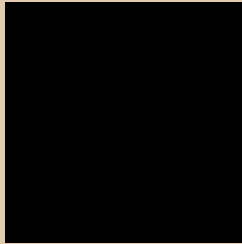
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

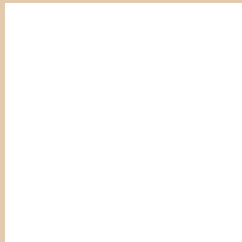
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4658, 0.3530, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 61.4658, 0.3530, 0.3609.



This preview shows how white text looks on a background with the Yxy color 61.4658, 0.3530, 0.3609.

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

61.4658, 0.3530, 0.3609

Protanopia

61.3962, 0.3426, 0.3628

Deuteranopia

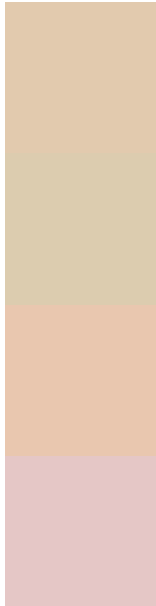
61.4878, 0.3624, 0.3545



Tritanopia

61.6749, 0.3285, 0.3127

Trichromacy



Original Color

61.4658, 0.3530, 0.3609

Protanomaly

61.4965, 0.3468, 0.3625

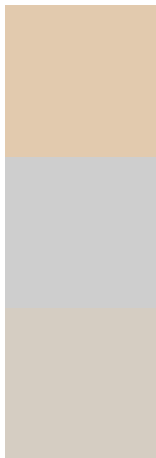
Deuteranomaly

61.2656, 0.3588, 0.3559

Tritanomaly

61.5821, 0.3374, 0.3302

Monochromacy



Original Color

61.4658, 0.3530, 0.3609

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7038, 0.3268, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4658, 0.3530, 0.3609 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, 202, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 174)  
}
```

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, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 174) }
```

Border

The CSS property to change the border of an element to Yxy 61.4658, 0.3530, 0.3609 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, 202, 174) }
```

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

```
.border{ border-color:rgb(226, 202, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 202, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(226, 202,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4658, 0.3530, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 174) }
```

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

```
.background{ background-color: rgb(226,  
202, 174) }
```

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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