

Converting Colors

$Yxy(60.8397, 0.3454, 0.3640)$

Have a look what the booklet for
Yxy(60.8397, 0.3454, 0.3640)
contains.

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Color

Yxy(60.9934, 0.3451, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	D9CCAE
RGB	217, 204, 174
RGB Percent	85%, 80%, 68%
CMY	0.1491, 0.1999, 0.3176
CMYK	0.00, 0.06, 0.20, 0.15
HSL	42°, 36%, 77%
HSV	42°, 20%, 85%
XYZ	57.8423, 60.9934, 48.7746
YIQ	204.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

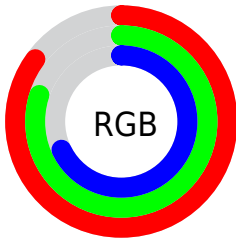
Format	Color
RYB	193, 217, 174
Decimal	14273710
CIELab	82.38, -0.32, 16.58
CIELCh	82, 16.586, 91.096
Yxy	60.9934, 0.3451, 0.3639
Android (android.graphics.Color)	4292463790 (0xFFD9CCA8)
YUV	204.4670, -15.0202, 10.9914
Hunter-Lab	78.0983, -4.4686, 17.6405

Details

The Yxy color $60.9934, 0.3451, 0.3639$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $49.5361, 0.2809, 0.2915$, and the grayscale version is $60.7829, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $30.8992, 0.3530, 0.3721$ is the 20% darker color. If you saturate the color by 10%, you get $57.1709, 0.3636, 0.3823$, and if you desaturate by 10%, it is $65.0888, 0.3280, 0.3459$.

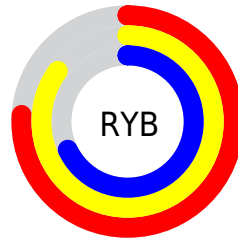
Distribution



Red (85%)

Green (80%)

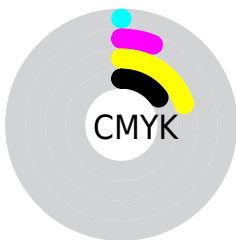
Blue (68%)



Red (76%)

Yellow (85%)

Blue (68%)

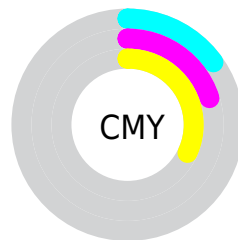


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (20%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9934, 0.3451, 0.3639 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 60.9934, 0.3451, 0.3639 by changing the saturation by 10% instead.

 60.9934, 0.3451,
0.3639

 60.9934, 0.3451,
0.3639

428.2498, 0.3297,
0.3472

 44.2198, 0.3487,
0.3678

 106.2694, 0.3397,
0.3580

 30.8434, 0.3533,
0.3727


135.5406, 0.3376,
0.3558

 20.4796, 0.3591,
0.3790


169.7465, 0.3358,
0.3538

 12.7442, 0.3668,
0.3874

209.2714, 0.3342,
0.3522

 7.2526, 0.3775,
0.3990

254.4998, 0.3329,
0.3507

 3.6206, 0.3932,
0.4161

305.8161, 0.3317,

 1.4637, 0.4346,

0.3494

0.4608

363.6046, 0.3306,
0.3483

■ 0.2629, 0.4794,
0.5206

■ 0.0000, 0.0000,
0.0000

■ 60.9934, 0.3451,
0.3639

■ 60.9934, 0.3451,
0.3639

■ 57.1709, 0.3636,
0.3823

■ 65.0888, 0.3280,
0.3459

■ 53.6050, 0.3831,
0.4004

■ 69.4565, 0.3124,
0.3287

■ 50.2896, 0.4033,
0.4175

■ 74.1066, 0.2983,
0.3124

■ 47.2154, 0.4234,
0.4324

■ 78.6666, 0.2890,
0.3031

■ 44.3721, 0.4425,
0.4442

■ 82.3816, 0.2893,
0.3101

■ 41.7480, 0.4596,
0.4518

■ 86.2349, 0.2895,
0.3169

■ 39.3298, 0.4739,
0.4545

■ 90.2278, 0.2898,
0.3237

■ 37.0951, 0.4854,
0.4526

■ 93.4872, 0.2900,
0.3289

■ 37.0515, 0.4857,
0.4526

Harmonies

Analogous

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



60.9934, 0.3543, 0.3524



60.9934, 0.3451, 0.3639



60.9934, 0.3273, 0.3661

Triad

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



60.9934, 0.3451, 0.3639



60.9934, 0.2750, 0.3205



60.9934, 0.3184, 0.3028

Complementary

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



60.9934, 0.3451, 0.3639



49.5361, 0.2809, 0.2915

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.



60.9934, 0.2973, 0.2945



60.9934, 0.3451, 0.3639



60.9934, 0.2728, 0.3039

Square

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



60.9934, 0.3451, 0.3639



60.9934, 0.2870, 0.3403



60.9934, 0.2808, 0.2947



60.9934, 0.3386, 0.3175

Rectangle

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



60.9934, 0.3451, 0.3639



60.9934, 0.3131, 0.3615



60.9934, 0.2808, 0.2947



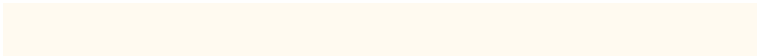
60.9934, 0.3112, 0.2992

Sweetspot

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



60.9961, 0.3451, 0.3639



96.1444, 0.3220, 0.3393



48.6387, 0.3397, 0.3130



20.4909, 0.3230, 0.3405



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.



60.9961, 0.3451, 0.3639



85.4493, 0.3531, 0.3720



66.2361, 0.3363, 0.3790



14.5663, 0.3274, 0.3453



22.6293, 0.4845, 0.4535



1.6146, 0.4713, 0.4640

Inverse Universe

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



49.5361, 0.2809, 0.2915



65.8791, 0.2732, 0.2819



45.2170, 0.2861, 0.2757



13.2543, 0.2981, 0.3122



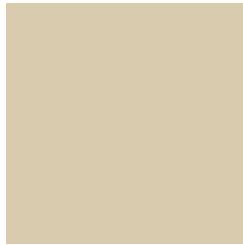
5.5154, 0.1614, 0.1009



0.5064, 0.1705, 0.1336

Previews

White Background



This preview shows how the Yxy color 60.9934, 0.3451, 0.3639 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 60.9934, 0.3451, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

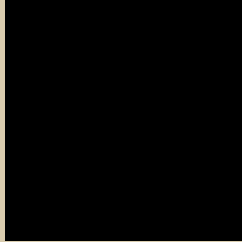
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

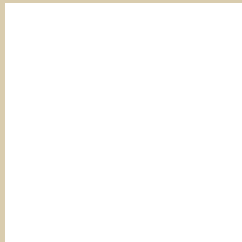
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9934, 0.3451, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 60.9934, 0.3451, 0.3639.

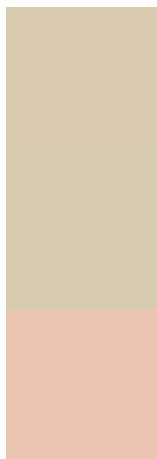


This preview shows how white text looks on a background with the Yxy color 60.9934, 0.3451, 0.3639.

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

60.9934, 0.3451, 0.3639

Protanopia

60.8407, 0.3443, 0.3640

Deuteranopia

60.6898, 0.3610, 0.3535



Tritanopia

60.7728, 0.3198, 0.3112

Trichromacy



Original Color

60.9934, 0.3451, 0.3639

Protanomaly

60.8407, 0.3443, 0.3640

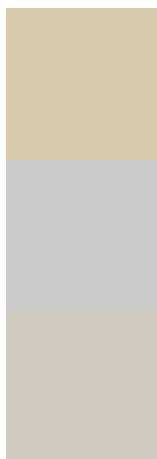
Deuteranomaly

60.8977, 0.3544, 0.3574

Tritanomaly

60.6477, 0.3293, 0.3302

Monochromacy



Original Color

60.9934, 0.3451, 0.3639

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5913, 0.3245, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9934, 0.3451, 0.3639 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(217, 204, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 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(217, 204, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 174) }
```

Border

The CSS property to change the border of an element to Yxy 60.9934, 0.3451, 0.3639 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(217, 204, 174) }
```

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

```
.border{ border-color:rgb(217, 204, 174) }
```

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

Here you see how a box with a 4 pixel rgb(217, 204, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9934, 0.3451, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 174) }
```

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

```
.background{ background-color: rgb(217,  
204, 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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