

Converting Colors

Yxy(61.1495, 0.3414, 0.3635)

Have a look what the booklet for
Yxy(61.1495, 0.3414, 0.3635)
contains.

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Color

Yxy(61.0934, 0.3410, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	D6CDB0
RGB	214, 205, 176
RGB Percent	84%, 80%, 69%
CMY	0.1607, 0.1961, 0.3097
CMYK	0.00, 0.04, 0.18, 0.16
HSL	46°, 32%, 76%
HSV	46°, 18%, 84%
XYZ	57.4066, 61.0934, 49.8478
YIQ	204.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

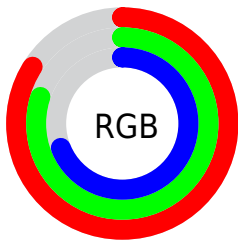
Format	Color
RYB	188, 214, 176
Decimal	14077360
CIELab	82.43, -1.62, 15.56
CIELCh	82, 15.645, 95.927
Yxy	61.0934, 0.3410, 0.3629
Android (android.graphics.Color)	4292267440 (0xFFD6CDB0)
YUV	204.3850, -13.9938, 8.4324
Hunter-Lab	78.1623, -5.6839, 16.9016

Details

The Yxy color **61.0934, 0.3410, 0.3629** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8067, 0.2843, 0.2927**, and the grayscale version is **60.7274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **30.9342, 0.3484, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **57.9205, 0.3585, 0.3827**, and if you desaturate by 10%, it is **64.4844, 0.3246, 0.3435**.

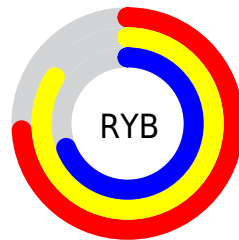
Distribution



Red (84%)

Green (80%)

Blue (69%)



Red (74%)

Yellow (84%)

Blue (69%)

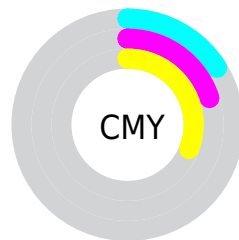


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (16%)



Cyan (16%)


Magenta (20%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0934, 0.3410, 0.3629 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 61.0934, 0.3410, 0.3629 by changing the saturation by 10% instead.


 61.0934, 0.3410,
0.3629

 61.0934, 0.3410,
0.3629


428.6164, 0.3275,
0.3467

 44.3005, 0.3442,
0.3667


 106.4142, 0.3363,
0.3572

 30.9069, 0.3481,
0.3716

135.7109, 0.3344,
0.3550

 20.5279, 0.3532,
0.3778


169.9443, 0.3329,
0.3531

 12.7794, 0.3599,
0.3860

209.4989, 0.3315,
0.3515

 7.2768, 0.3692,
0.3976

254.7590, 0.3303,
0.3500

 3.6358, 0.3829,
0.4148

306.1090, 0.3293,

 1.4720, 0.4167,

0.3488

0.4562

363.9333, 0.3284,
0.3477

0.2689, 0.4456,
0.5544

0.0000, 0.0000,
0.0000

61.0934, 0.3410,
0.3629

61.0934, 0.3410,
0.3629

57.9205, 0.3585,
0.3827

64.4844, 0.3246,
0.3435

54.9507, 0.3768,
0.4023

68.0919, 0.3094,
0.3249

52.1790, 0.3954,
0.4210

71.9249, 0.2956,
0.3075

49.5974, 0.4136,
0.4376

75.5551, 0.2870,
0.2978

■ 47.1970, 0.4306,
0.4512

■ 78.3518, 0.2872,
0.3032

■ 44.9677, 0.4456,
0.4607

■ 81.2312, 0.2874,
0.3087

■ 42.8979, 0.4579,
0.4656

■ 84.1939, 0.2877,
0.3140

■ 40.9714, 0.4673,
0.4659

■ 87.2407, 0.2879,
0.3193

■ 40.5542, 0.4692,
0.4656

■ 90.3721, 0.2881,
0.3246

Harmonies

Analogous

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



61.0934, 0.3512, 0.3533



61.0934, 0.3410, 0.3629



61.0934, 0.3233, 0.3633

Triad

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



61.0934, 0.3410, 0.3629



61.0934, 0.2761, 0.3182



61.0934, 0.3214, 0.3062

Complementary

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



61.0934, 0.3410, 0.3629



48.8067, 0.2843, 0.2927

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.



61.0934, 0.3012, 0.2972



61.0934, 0.3410, 0.3629



61.0934, 0.2756, 0.3034

Square

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



61.0934, 0.3410, 0.3629



61.0934, 0.2861, 0.3367



61.0934, 0.2846, 0.2960



61.0934, 0.3397, 0.3208

Rectangle

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



61.0934, 0.3410, 0.3629



61.0934, 0.3099, 0.3578



61.0934, 0.2846, 0.2960



61.0934, 0.3146, 0.3024

Sweetspot

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



61.0961, 0.3410, 0.3629



97.2878, 0.3203, 0.3384



48.8818, 0.3385, 0.3177



20.7435, 0.3214, 0.3397



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.



61.0961, 0.3410, 0.3629



89.1659, 0.3469, 0.3697



64.1548, 0.3319, 0.3740



13.9964, 0.3272, 0.3467



24.6726, 0.4683, 0.4663



1.6116, 0.4581, 0.4744

Inverse Universe

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



48.8067, 0.2843, 0.2927



67.8821, 0.2783, 0.2847



46.2920, 0.2912, 0.2820



12.4830, 0.2982, 0.3107



4.4930, 0.1576, 0.0872



0.4006, 0.1668, 0.1206

Previews

White Background



This preview shows how the Yxy color 61.0934, 0.3410, 0.3629 looks on a white background.

Color Contrast Check

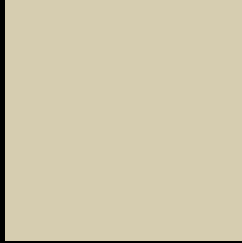
Large Text (above 18pt) WCAG AA × Fail

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 61.0934, 0.3410, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

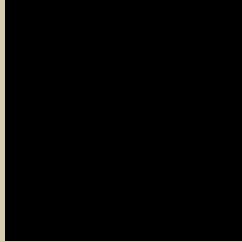
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

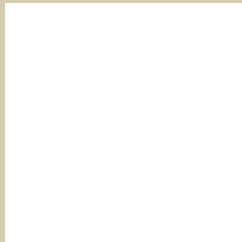
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0934, 0.3410, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 61.0934, 0.3410, 0.3629.

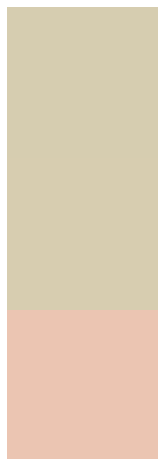


This preview shows how white text looks on a background with the Yxy color 61.0934, 0.3410, 0.3629.

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

61.0934, 0.3410, 0.3629

Protanopia

61.2443, 0.3418, 0.3628

Deuteranopia

60.8090, 0.3586, 0.3502



Tritanopia

60.8132, 0.3167, 0.3111

Trichromacy



Original Color

61.0934, 0.3410, 0.3629

Protanomaly

61.2443, 0.3418, 0.3628

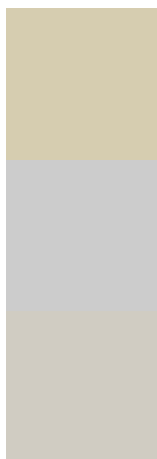
Deuteranomaly

60.8138, 0.3520, 0.3551

Tritanomaly

60.7420, 0.3253, 0.3290

Monochromacy



Original Color

61.0934, 0.3410, 0.3629

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4907, 0.3230, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0934, 0.3410, 0.3629 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(214, 205, 176) looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 176)  
}
```

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(214, 205, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 176) }
```

Border

The CSS property to change the border of an element to Yxy 61.0934, 0.3410, 0.3629 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(214, 205, 176) }
```

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

```
.border{ border-color:rgb(214, 205, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 205, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 176);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0934, 0.3410, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 176) }
```

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

```
.background{ background-color: rgb(214,  
205, 176) }
```

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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