

Converting Colors

Yxy(60.6514, 0.3489, 0.3613)

Have a look what the booklet for
Yxy(60.6514, 0.3489, 0.3613)
contains.

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Color

Yxy(60.6692, 0.3489, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	DDCAAE
RGB	221, 202, 174
RGB Percent	87%, 79%, 68%
CMY	0.1332, 0.2079, 0.3177
CMYK	0.00, 0.09, 0.21, 0.13
HSL	36°, 41%, 77%
HSV	36°, 21%, 87%
XYZ	58.5870, 60.6692, 48.6630
YIQ	204.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

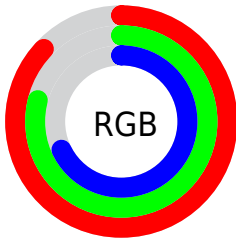
Format	Color
R _Y B	206, 221, 174
Decimal	14535342
CIE Lab	82.20, 2.25, 16.40
CIE LCh	82, 16.552, 82.202
Yxy	60.6692, 0.3489, 0.3613
Android (android.graphics.Color)	4292725422 (0xFFDDCAAE)
YUV	204.4890, -15.0311, 14.4801
Hunter-Lab	77.8904, -2.0456, 17.4812

Details

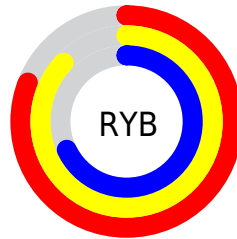
The Yxy color $60.6692, 0.3489, 0.3613$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $52.3769, 0.2788, 0.2944$, and the grayscale version is $60.8003, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $30.6919, 0.3582, 0.3685$ is the 20% darker color. If you saturate the color by 10%, you get $55.8017, 0.3689, 0.3772$, and if you desaturate by 10%, it is $65.9275, 0.3308, 0.3457$.

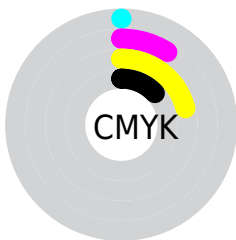
Distribution



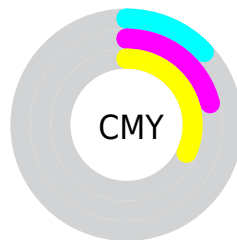
- Red (87%)
- Green (79%)
- Blue (68%)



- Red (81%)
- Yellow (87%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6692, 0.3489, 0.3613 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 60.6692, 0.3489, 0.3613 by changing the saturation by 10% instead.


 60.6692, 0.3489,
0.3613

 60.6692, 0.3489,
0.3613


427.0600, 0.3316,
0.3460

 43.9583, 0.3530,
0.3649


 105.7998, 0.3428,
0.3559

 30.6377, 0.3581,
0.3693


134.9883, 0.3404,
0.3538

 20.3231, 0.3647,
0.3751


169.1047, 0.3384,
0.3521

 12.6301, 0.3735,
0.3826

208.5335, 0.3367,
0.3505

 7.1744, 0.3858,
0.3930

253.6590, 0.3352,
0.3492

 3.5714, 0.4039,
0.4080

304.8657, 0.3338,

 1.4368, 0.4503,

0.3480

0.4485

362.5379, 0.3326,
0.3469

0.2436, 0.5403,
0.4597

0.0000, 0.0000,
0.0000

60.6692, 0.3489,
0.3613

60.6692, 0.3489,
0.3613

55.8017, 0.3689,
0.3772

65.9275, 0.3308,
0.3457

51.3059, 0.3906,
0.3929

71.5788, 0.3147,
0.3308

47.1726, 0.4137,
0.4076

77.6359, 0.3003,
0.3169

43.3894, 0.4374,
0.4202

83.6218, 0.2918,
0.3113

■ 39.9426, 0.4606,
0.4295

■ 88.9560, 0.2921,
0.3205

■ 36.8171, 0.4822,
0.4343

■ 94.1180, 0.2923,
0.3289

■ 33.9956, 0.5007,
0.4339

■ 31.7614, 0.5144,
0.4297

Harmonies

Analogous

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



60.6692, 0.3548, 0.3477



60.6692, 0.3489, 0.3613



60.6692, 0.3332, 0.3666

Triad

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



60.6692, 0.3489, 0.3613



60.6692, 0.2776, 0.3263



60.6692, 0.3120, 0.2996

Complementary

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



60.6692, 0.3489, 0.3613



52.3769, 0.2788, 0.2944

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.



60.6692, 0.2917, 0.2937



60.6692, 0.3489, 0.3613



60.6692, 0.2724, 0.3082

Square

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



60.6692, 0.3489, 0.3613



60.6692, 0.2921, 0.3460



60.6692, 0.2774, 0.2965



60.6692, 0.3331, 0.3127

Rectangle

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



60.6692, 0.3489, 0.3613



60.6692, 0.3195, 0.3641



60.6692, 0.2774, 0.2965



60.6692, 0.3048, 0.2967

Sweetspot

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



60.6719, 0.3489, 0.3613



95.1652, 0.3221, 0.3378



49.5247, 0.3381, 0.3063



20.2593, 0.3232, 0.3388



0.0000, 0.0000, 0.0000



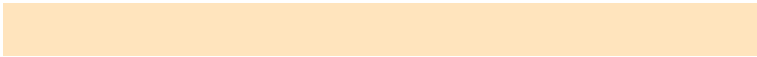
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6719, 0.3489, 0.3613



80.4967, 0.3585, 0.3691



69.5580, 0.3417, 0.3824



14.3337, 0.3277, 0.3429



18.6716, 0.5126, 0.4312



1.3771, 0.4933, 0.4465

Inverse Universe

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



52.3769, 0.2788, 0.2944



66.8761, 0.2704, 0.2852



44.9471, 0.2801, 0.2705



13.4782, 0.2982, 0.3147



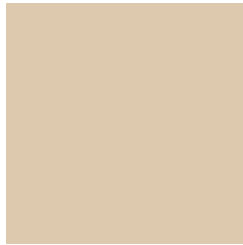
7.4372, 0.1690, 0.1285



0.6481, 0.1781, 0.1610

Previews

White Background



This preview shows how the Yxy color 60.6692, 0.3489, 0.3613 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 60.6692, 0.3489, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

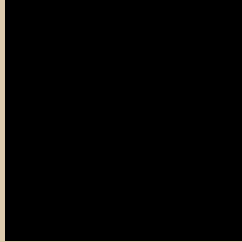
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

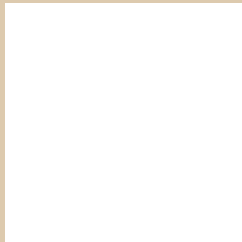
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6692, 0.3489, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 60.6692, 0.3489, 0.3613.



This preview shows how white text looks on a background with the Yxy color 60.6692, 0.3489, 0.3613.

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

60.6692, 0.3489, 0.3613

Protanopia

60.7279, 0.3427, 0.3629

Deuteranopia

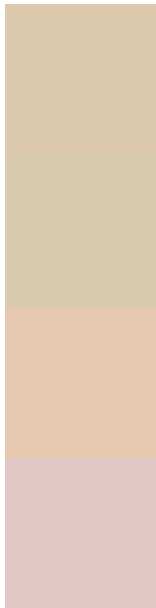
60.6898, 0.3610, 0.3535



Tritanopia

60.8547, 0.3246, 0.3124

Trichromacy



Original Color

60.6692, 0.3489, 0.3613

Protanomaly

60.5587, 0.3446, 0.3616

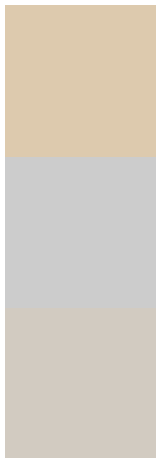
Deuteranomaly

60.7650, 0.3563, 0.3561

Tritanomaly

60.7714, 0.3334, 0.3302

Monochromacy



Original Color

60.6692, 0.3489, 0.3613

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2638, 0.3254, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6692, 0.3489, 0.3613 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(221, 202, 174)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 174) }
```

Border

The CSS property to change the border of an element to Yxy 60.6692, 0.3489, 0.3613 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(221, 202, 174) }
```

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

```
.border{ border-color:rgb(221, 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(221, 202, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6692, 0.3489, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 174) }
```

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

```
.background{ background-color: rgb(221,  
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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