

Converting Colors

Yxy(56.4199, 0.3476, 0.3640)

Have a look what the booklet for
Yxy(56.4199, 0.3476, 0.3640)
contains.

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Color

Yxy(56.2669, 0.3482, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	D4C4A7
RGB	212, 196, 167
RGB Percent	83%, 77%, 65%
CMY	0.1686, 0.2314, 0.3452
CMYK	0.00, 0.08, 0.21, 0.17
HSL	39°, 34%, 74%
HSV	39°, 21%, 83%
XYZ	53.8689, 56.2669, 44.5711
YIQ	197.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

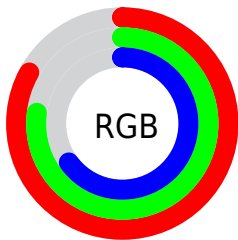
Format	Color
RYB	192, 212, 167
Decimal	13943975
CIELab	79.77, 1.00, 16.61
CIELCh	80, 16.642, 86.561
Yxy	56.2669, 0.3482, 0.3637
Android (android.graphics.Color)	4292134055 (0xFFD4C4A7)
YUV	197.4780, -15.0257, 12.7358
Hunter-Lab	75.0113, -3.0809, 17.2783

Details

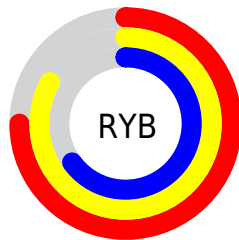
The Yxy color **56.2669, 0.3482, 0.3637** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.8352, 0.2787, 0.2917**, and the grayscale version is **56.2249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7845, 0.3324, 0.3593**, and **27.7519, 0.3576, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **52.2315, 0.3675, 0.3808**, and if you desaturate by 10%, it is **60.6069, 0.3305, 0.3470**.

Distribution



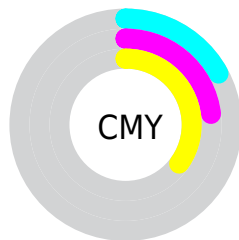
- Red (83%)
- Green (77%)
- Blue (65%)



- Red (75%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2669, 0.3482, 0.3637 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 56.2669, 0.3482, 0.3637 by changing the saturation by 10% instead.


 56.2669, 0.3482,
0.3637

 56.2669, 0.3482,
0.3637


410.6966, 0.3310,
0.3470

 40.4170, 0.3523,
0.3677


 99.3947, 0.3421,
0.3578

 27.8638, 0.3575,
0.3727


 127.4414, 0.3398,
0.3555

 18.2230, 0.3642,
0.3791


160.3224, 0.3378,
0.3536

 11.1102, 0.3732,
0.3878

198.4221, 0.3360,
0.3519

 6.1410, 0.3859,
0.3999

242.1250, 0.3346,
0.3504

 2.9310, 0.4048,
0.4178

291.8155, 0.3332,

 1.0958, 0.4905,

0.3491

0.5023

347.8779, 0.3321,
0.3480

0.0000, 0.0000,
0.0000

56.2669, 0.3482,
0.3637

56.2669, 0.3482,
0.3637

52.2315, 0.3675,
0.3808

60.6069, 0.3305,
0.3470

48.4845, 0.3882,
0.3976

65.2522, 0.3146,
0.3309

45.0189, 0.4098,
0.4133

70.2131, 0.3003,
0.3158

41.8248, 0.4317,
0.4269

75.4973, 0.2876,
0.3018

38.8912, 0.4527,
0.4372

79.8982, 0.2861,
0.3067

■ 36.2058, 0.4719,
0.4431

■ 84.2768, 0.2865,
0.3147

■ 33.7545, 0.4883,
0.4439

■ 88.8403, 0.2869,
0.3225

■ 31.7803, 0.5002,
0.4410

■ 92.7399, 0.2872,
0.3289

Harmonies

Analogous

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



56.2669, 0.3560, 0.3507



56.2669, 0.3482, 0.3637



56.2669, 0.3309, 0.3676

Triad

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



56.2669, 0.3482, 0.3637



56.2669, 0.2751, 0.3232



56.2669, 0.3152, 0.3003

Complementary

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



56.2669, 0.3482, 0.3637



46.8352, 0.2787, 0.2917

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.



56.2669, 0.2938, 0.2930



56.2669, 0.3482, 0.3637



56.2669, 0.2712, 0.3053

Square

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



56.2669, 0.3482, 0.3637



56.2669, 0.2888, 0.3437



56.2669, 0.2779, 0.2945



56.2669, 0.3366, 0.3146

Rectangle

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



56.2669, 0.3482, 0.3637



56.2669, 0.3165, 0.3640



56.2669, 0.2779, 0.2945



56.2669, 0.3078, 0.2969

Sweetspot

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



56.2694, 0.3482, 0.3637



95.6304, 0.3221, 0.3385



45.0703, 0.3400, 0.3091



20.3693, 0.3231, 0.3396



0.0000, 0.0000, 0.0000



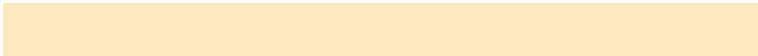
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2694, 0.3482, 0.3637



82.9293, 0.3558, 0.3706



63.0099, 0.3398, 0.3825



13.7422, 0.3275, 0.3440



19.8108, 0.4988, 0.4422



1.3484, 0.4816, 0.4558

Inverse Universe

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



46.8352, 0.2787, 0.2917



66.3837, 0.2718, 0.2836



41.2680, 0.2821, 0.2711



12.7243, 0.2982, 0.3136



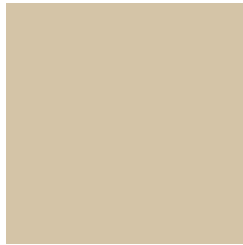
6.2473, 0.1652, 0.1148



0.5306, 0.1750, 0.1499

Previews

White Background



This preview shows how the Yxy color 56.2669, 0.3482, 0.3637 looks on a white background.

Color Contrast Check

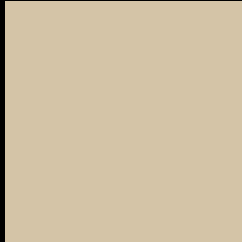
Large Text (above 18pt) WCAG AA × Fail

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 56.2669, 0.3482, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

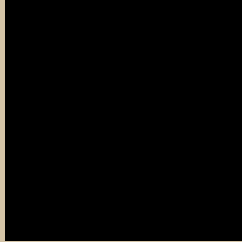
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

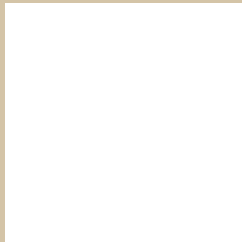
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2669, 0.3482, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 56.2669, 0.3482, 0.3637.



This preview shows how white text looks on a background with the Yxy color 56.2669, 0.3482, 0.3637.

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

56.2669, 0.3482, 0.3637

Protanopia

56.1696, 0.3438, 0.3640

Deuteranopia

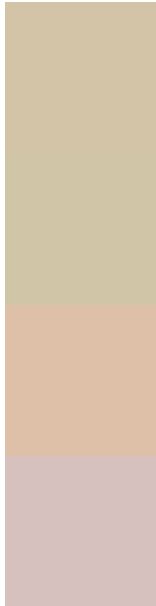
55.9850, 0.3618, 0.3544



Tritanopia

56.4211, 0.3232, 0.3130

Trichromacy



Original Color

56.2669, 0.3482, 0.3637

Protanomaly

56.3150, 0.3446, 0.3639

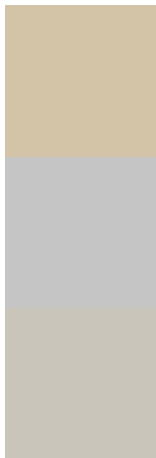
Deuteranomaly

56.0560, 0.3569, 0.3570

Tritanomaly

56.3486, 0.3323, 0.3314

Monochromacy



Original Color

56.2669, 0.3482, 0.3637

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0342, 0.3249, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2669, 0.3482, 0.3637 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(212, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 167)  
}
```

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(212, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 167) }
```

Border

The CSS property to change the border of an element to Yxy 56.2669, 0.3482, 0.3637 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(212, 196, 167) }
```

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

```
.border{ border-color:rgb(212, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 167);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2669, 0.3482, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 167) }
```

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

```
.background{ background-color: rgb(212,  
196, 167) }
```

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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