

Converting Colors

$Y_{xy}(56.0297, 0.3501, 0.3720)$

Have a look what the booklet for
Yxy(56.0297, 0.3501, 0.3720)
contains.

Yxy(56.0610, 0.3501, 0.3725)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.0610, 0.3501, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	D1C5A1
RGB	209, 197, 161
RGB Percent	82%, 77%, 63%
CMY	0.1804, 0.2274, 0.3687
CMYK	0.00, 0.06, 0.23, 0.18
HSL	45°, 34%, 73%
HSV	45°, 23%, 82%
XYZ	52.6898, 56.0610, 41.7485
YIQ	196.4840, 18.7080, -8.6520

Conversions

Conversions Part 2

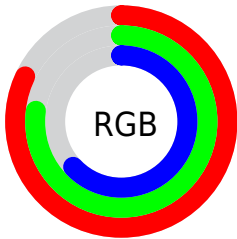
Format	Color
RYB	177, 209, 161
Decimal	13747617
CIELab	79.65, -1.54, 19.61
CIELCh	80, 19.674, 94.486
Yxy	56.0610, 0.3501, 0.3725
Android (android.graphics.Color)	4291937697 (0xFFD1C5A1)
YUV	196.4840, -17.4936, 10.9765
Hunter-Lab	74.8739, -5.4163, 19.3525

Details

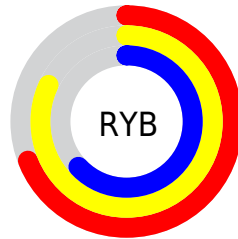
The Yxy color **56.0610, 0.3501, 0.3725** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.0466, 0.2752, 0.2814**, and the grayscale version is **55.6060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1015, 0.3359, 0.3662**, and **27.6191, 0.3600, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **53.0594, 0.3682, 0.3920**, and if you desaturate by 10%, it is **59.2728, 0.3330, 0.3531**.

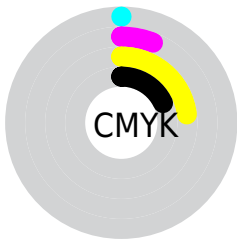
Distribution



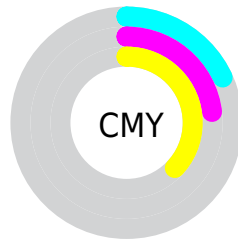
- Red (82%)
- Green (77%)
- Blue (63%)



- Red (69%)
- Yellow (82%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0610, 0.3501, 0.3725 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 56.0610, 0.3501, 0.3725 by changing the saturation by 10% instead.


 56.0610, 0.3501,
0.3725


 56.0610, 0.3501,
0.3725


409.9213, 0.3321,
0.3514

 40.2518, 0.3544,
0.3775


 99.0938, 0.3437,
0.3650

 27.7350, 0.3597,
0.3839


 127.0861, 0.3413,
0.3621

 18.1260, 0.3666,
0.3921


159.9084, 0.3392,
0.3597

 11.0405, 0.3758,
0.4031

197.9449, 0.3374,
0.3576

 6.0941, 0.3886,
0.4186

241.5800, 0.3358,
0.3557

 2.9024, 0.4070,
0.4413

291.1982, 0.3344,

 1.0810, 0.4768,

0.3541

0.5232

347.1839, 0.3332,
0.3527

0.0000, 0.0000,
0.0000

56.0610, 0.3501,
0.3725

56.0610, 0.3501,
0.3725

53.0594, 0.3682,
0.3920

59.2728, 0.3330,
0.3531

50.2534, 0.3869,
0.4110

62.6938, 0.3172,
0.3344

47.6383, 0.4057,
0.4284

66.3325, 0.3027,
0.3166

45.2057, 0.4238,
0.4434

70.1949, 0.2896,
0.3000

42.9466, 0.4403,
0.4549

73.5937, 0.2837,
0.2950

■ 40.8509, 0.4544,
0.4619

■ 76.4246, 0.2840,
0.3007

■ 38.9061, 0.4656,
0.4641

■ 79.3421, 0.2843,
0.3063

■ 37.6161, 0.4721,
0.4634

■ 82.3469, 0.2846,
0.3119

■ 85.4398, 0.2849,
0.3174

Harmonies

Analogous

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



56.0610, 0.3629, 0.3592



56.0610, 0.3501, 0.3725



56.0610, 0.3274, 0.3740

Triad

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



56.0610, 0.3501, 0.3725



56.0610, 0.2660, 0.3157



56.0610, 0.3225, 0.2990

Complementary

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



56.0610, 0.3501, 0.3725



42.0466, 0.2752, 0.2814

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.



56.0610, 0.2965, 0.2880



56.0610, 0.3501, 0.3725



56.0610, 0.2648, 0.2965

Square

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



56.0610, 0.3501, 0.3725



56.0610, 0.2792, 0.3400



56.0610, 0.2757, 0.2868



56.0610, 0.3467, 0.3173

Rectangle

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



56.0610, 0.3501, 0.3725



56.0610, 0.3101, 0.3674



56.0610, 0.2757, 0.2868



56.0610, 0.3137, 0.2944

Sweetspot

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



56.0635, 0.3501, 0.3725



96.0944, 0.3235, 0.3420



42.0504, 0.3481, 0.3143



20.4978, 0.3245, 0.3431



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.



56.0635, 0.3501, 0.3725



85.3796, 0.3597, 0.3830



60.0375, 0.3375, 0.3878



13.2772, 0.3272, 0.3464



23.3584, 0.4711, 0.4641



1.4276, 0.4597, 0.4732

Inverse Universe

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



42.0466, 0.2752, 0.2814



59.3280, 0.2656, 0.2685



38.9648, 0.2839, 0.2667



11.8901, 0.2982, 0.3110



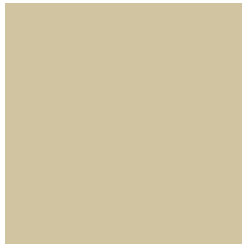
4.4937, 0.1583, 0.0898



0.3797, 0.1684, 0.1260

Previews

White Background



This preview shows how the Yxy color 56.0610, 0.3501, 0.3725 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 56.0610, 0.3501, 0.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

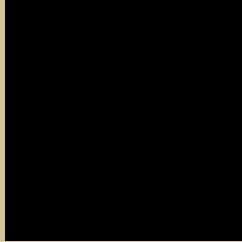
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0610, 0.3501, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 56.0610, 0.3501, 0.3725.

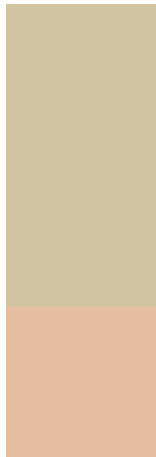


This preview shows how white text looks on a background with the Yxy color 56.0610, 0.3501, 0.3725.

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

56.0610, 0.3501, 0.3725

Protanopia

56.0610, 0.3501, 0.3725

Deuteranopia

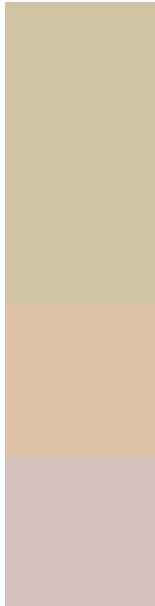
56.0936, 0.3685, 0.3611



Tritanopia

56.1649, 0.3208, 0.3118

Trichromacy



Original Color

56.0610, 0.3501, 0.3725

Protanomaly

56.0610, 0.3501, 0.3725

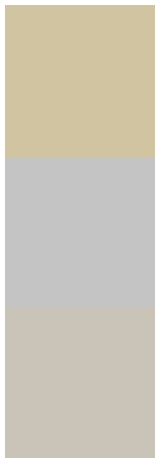
Deuteranomaly

56.2782, 0.3615, 0.3652

Tritanomaly

56.0038, 0.3314, 0.3326

Monochromacy



Original Color

56.0610, 0.3501, 0.3725

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3163, 0.3265, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0610, 0.3501, 0.3725 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(209, 197, 161)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 161)  
}
```

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(209, 197, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 161) }
```

Border

The CSS property to change the border of an element to Yxy 56.0610, 0.3501, 0.3725 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(209, 197, 161) }
```

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

```
.border{ border-color:rgb(209, 197, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 161);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0610, 0.3501, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 161) }
```

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

```
.background{ background-color: rgb(209,  
197, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor