

Converting Colors

Yxy(51.6305, 0.3615, 0.3666)

Have a look what the booklet for
Yxy(51.6305, 0.3615, 0.3666)
contains.

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Color

Yxy(51.6305, 0.3615, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	D5BA9B
RGB	213, 186, 155
RGB Percent	84%, 73%, 61%
CMY	0.1648, 0.2705, 0.3921
CMYK	0.00, 0.13, 0.27, 0.16
HSL	32°, 41%, 72%
HSV	32°, 27%, 84%
XYZ	50.9122, 51.6305, 38.2933
YIQ	190.5390, 26.0430, -3.9170

Conversions

Conversions Part 2

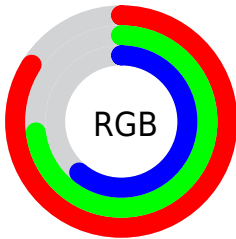
Format	Color
R _Y B	206, 213, 155
Decimal	14006939
CIE Lab	77.06, 4.95, 19.27
CIE LCh	77, 19.900, 75.599
Yxy	51.6305, 0.3615, 0.3666
Android (android.graphics.Color)	4292197019 (0xFFD5BA9B)
YUV	190.5390, -17.5207, 19.6983
Hunter-Lab	71.8544, 0.7306, 18.7007

Details

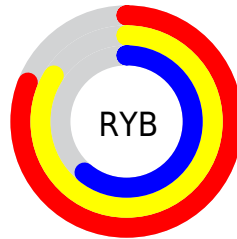
The Yxy color **51.6305, 0.3615, 0.3666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2176, 0.2693, 0.2882**, and the grayscale version is **51.9119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4174, 0.3415, 0.3608**, and **25.0436, 0.3749, 0.3758** is the 20% darker color. If you saturate the color by 10%, you get **46.9479, 0.3835, 0.3810**, and if you desaturate by 10%, it is **56.7335, 0.3417, 0.3523**.

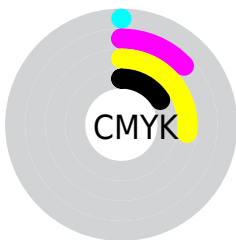
Distribution



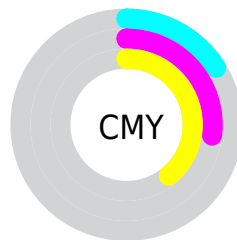
- Red (84%)
- Green (73%)
- Blue (61%)



- Red (81%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6305, 0.3615, 0.3666 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 51.6305, 0.3615, 0.3666 by changing the saturation by 10% instead.


 51.6305, 0.3615,
0.3666


 51.6305, 0.3615,
0.3666


393.0085, 0.3375,
0.3485

 36.7106, 0.3674,
0.3709


 92.5861, 0.3529,
0.3602

 24.9835, 0.3748,
0.3763


 119.3906, 0.3496,
0.3577

 16.0648, 0.3845,
0.3832


150.9254, 0.3468,
0.3556

 9.5700, 0.3976,
0.3923

187.5750, 0.3444,
0.3538

 5.1148, 0.4163,
0.4048

229.7237, 0.3423,
0.3522

 2.3148, 0.4463,
0.4239

277.7559, 0.3405,

 0.7815, 0.5250,

0.3508

0.4750

332.0560, 0.3389,
0.3496

0.0000, 0.0000,
0.0000

51.6305, 0.3615,
0.3666

51.6305, 0.3615,
0.3666

46.9479, 0.3835,
0.3810

56.7335, 0.3417,
0.3523

42.6663, 0.4076,
0.3948

62.2616, 0.3241,
0.3385

38.7746, 0.4331,
0.4070

68.2285, 0.3086,
0.3255

35.2587, 0.4592,
0.4165

74.6449, 0.2951,
0.3133

32.1030, 0.4845,
0.4221

81.0957, 0.2868,
0.3087

■ 29.2904, 0.5074,
0.4226

■ 86.9457, 0.2873,
0.3191

■ 26.7994, 0.5267,
0.4178

■ 92.8836, 0.2877,
0.3289

■ 26.1570, 0.5318,
0.4159

Harmonies

Analogous

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



51.6305, 0.3660, 0.3476



51.6305, 0.3615, 0.3666



51.6305, 0.3437, 0.3765

Triad

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



51.6305, 0.3615, 0.3666



51.6305, 0.2715, 0.3309



51.6305, 0.3056, 0.2896

Complementary

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



51.6305, 0.3615, 0.3666



45.2176, 0.2693, 0.2882

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.



51.6305, 0.2812, 0.2844



51.6305, 0.3615, 0.3666



51.6305, 0.2623, 0.3068

Square

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



51.6305, 0.3615, 0.3666



51.6305, 0.2917, 0.3557



51.6305, 0.2657, 0.2902



51.6305, 0.3329, 0.3042

Rectangle

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



51.6305, 0.3615, 0.3666



51.6305, 0.3270, 0.3757



51.6305, 0.2657, 0.2902



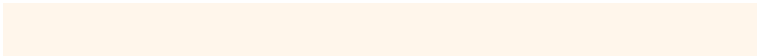
51.6305, 0.2968, 0.2867

Sweetspot

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



51.6329, 0.3615, 0.3666



92.8490, 0.3255, 0.3397



40.9672, 0.3443, 0.2963



19.5960, 0.3281, 0.3417



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.



51.6329, 0.3615, 0.3666



73.2317, 0.3747, 0.3754



63.8029, 0.3520, 0.3970



13.5097, 0.3278, 0.3415



16.1871, 0.5297, 0.4176



1.1413, 0.5056, 0.4368

Inverse Universe

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



45.2176, 0.2693, 0.2882



61.9521, 0.2591, 0.2774



35.4086, 0.2672, 0.2514



12.9514, 0.2982, 0.3162



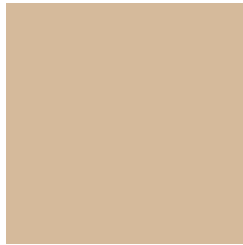
8.5956, 0.1743, 0.1473



0.6832, 0.1834, 0.1801

Previews

White Background



This preview shows how the Yxy color 51.6305, 0.3615, 0.3666 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 51.6305, 0.3615, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

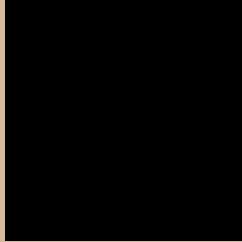
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6305, 0.3615, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 51.6305, 0.3615, 0.3666.



This preview shows how white text looks on a background with the Yxy color 51.6305, 0.3615, 0.3666.

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

51.6305, 0.3615, 0.3666

Protanopia

51.6787, 0.3481, 0.3703

Deuteranopia

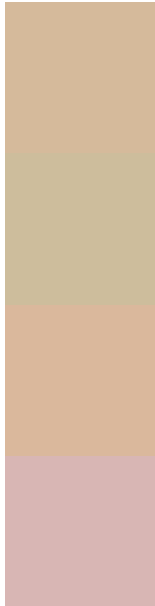
51.6394, 0.3688, 0.3610



Tritanopia

51.4881, 0.3334, 0.3116

Trichromacy



Original Color

51.6305, 0.3615, 0.3666

Protanomaly

51.7746, 0.3527, 0.3698

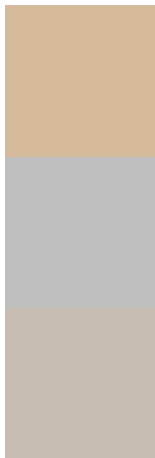
Deuteranomaly

51.5867, 0.3658, 0.3625

Tritanomaly

51.3501, 0.3440, 0.3315

Monochromacy



Original Color

51.6305, 0.3615, 0.3666

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7517, 0.3297, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6305, 0.3615, 0.3666 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(213, 186, 155)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 155)  
}
```

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(213, 186, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 155) }
```

Border

The CSS property to change the border of an element to Yxy 51.6305, 0.3615, 0.3666 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(213, 186, 155) }
```

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

```
.border{ border-color:rgb(213, 186, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 186, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 186, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 186, 155);  
box-shadow:4px 4px 4px 4px rgb(213, 186,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6305, 0.3615, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 155) }
```

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

```
.background{ background-color: rgb(213,  
186, 155) }
```

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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