

Converting Colors

Yxy(61.0001, 0.3596, 0.3931)

Have a look what the booklet for
Yxy(61.0001, 0.3596, 0.3931)
contains.

Yxy(60.8567, 0.3595, 0.3923)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.8567, 0.3595, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	D7CE98
RGB	215, 206, 152
RGB Percent	84%, 81%, 60%
CMY	0.1567, 0.1922, 0.4040
CMYK	0.00, 0.04, 0.29, 0.16
HSL	51°, 44%, 72%
HSV	51°, 29%, 84%
XYZ	55.7685, 60.8567, 38.5028
YIQ	202.5350, 22.6980, -14.8860

Conversions

Conversions Part 2

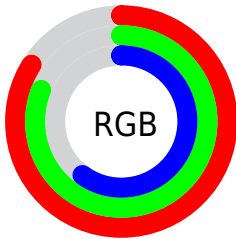
Format	Color
R _{YB}	163, 215, 152
Decimal	14143128
CIE Lab	82.30, -5.13, 28.06
CIE LCh	82, 28.520, 100.354
Yxy	60.8567, 0.3595, 0.3923
Android (android.graphics.Color)	4292333208 (0xFFD7CE98)
YUV	202.5350, -24.9138, 10.9318
Hunter-Lab	78.0107, -8.9122, 25.3445

Details

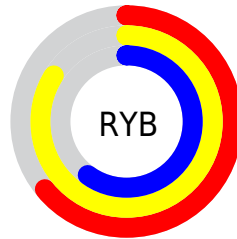
The Yxy color **60.8567, 0.3595, 0.3923** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0755, 0.2627, 0.2566**, and the grayscale version is **59.5654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **30.7670, 0.3696, 0.4079** is the 20% darker color. If you saturate the color by 10%, you get **58.7486, 0.3763, 0.4138**, and if you desaturate by 10%, it is **63.1271, 0.3429, 0.3703**.

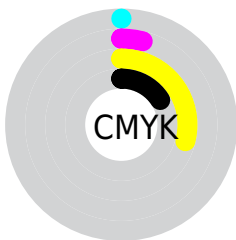
Distribution



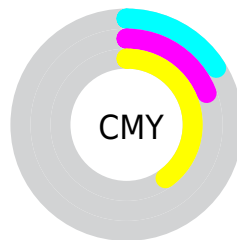
- Red (84%)
- Green (81%)
- Blue (60%)



- Red (64%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (29%)
- Black (16%)




- Cyan (16%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8567, 0.3595, 0.3923 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 60.8567, 0.3595, 0.3923 by changing the saturation by 10% instead.


 60.8567, 0.3595,
0.3923

 60.8567, 0.3595,
0.3923


427.7484, 0.3375,
0.3619

 44.1095, 0.3645,
0.3994

 106.0714, 0.3519,
0.3816

 30.7566, 0.3707,
0.4083


 135.3078, 0.3489,
0.3775

 20.4136, 0.3784,
0.4196


169.4759, 0.3463,
0.3740

 12.6960, 0.3882,
0.4345

208.9604, 0.3441,
0.3709

 7.2196, 0.4010,
0.4547

254.1454, 0.3422,
0.3682

 3.5998, 0.4184,
0.4839

305.4155, 0.3405,

 1.4523, 0.4552,

0.3659

0.5448

363.1550, 0.3389,
0.3638

0.2548, 0.3148,
0.6852

0.0000, 0.0000,
0.0000

60.8567, 0.3595,
0.3923

60.8567, 0.3595,
0.3923

58.7486, 0.3763,
0.4138

63.1271, 0.3429,
0.3703

56.7876, 0.3927,
0.4338

65.5581, 0.3268,
0.3486

54.9685, 0.4080,
0.4514

68.1585, 0.3117,
0.3276

53.2829, 0.4216,
0.4657

70.9342, 0.2977,
0.3077

■ 51.7210, 0.4328,
0.4758

■ 73.5978, 0.2874,
0.2936

■ 50.2712, 0.4412,
0.4814

■ 75.2437, 0.2876,
0.2969

■ 48.9147, 0.4470,
0.4829

■ 76.9197, 0.2877,
0.3002

■ 48.8247, 0.4473,
0.4830

■ 78.6259, 0.2878,
0.3035

■ 80.3624, 0.2880,
0.3068

Harmonies

Analogous

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



60.8567, 0.3814, 0.3752



60.8567, 0.3595, 0.3923



60.8567, 0.3257, 0.3917

Triad

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



60.8567, 0.3595, 0.3923



60.8567, 0.2462, 0.3034



60.8567, 0.3335, 0.2918

Complementary

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



60.8567, 0.3595, 0.3923



37.0755, 0.2627, 0.2566

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.



60.8567, 0.2964, 0.2744



60.8567, 0.3595, 0.3923



60.8567, 0.2479, 0.2793

Square

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



60.8567, 0.3595, 0.3923



60.8567, 0.2611, 0.3373



60.8567, 0.2656, 0.2696



60.8567, 0.3663, 0.3180

Rectangle

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



60.8567, 0.3595, 0.3923



60.8567, 0.3014, 0.3799



60.8567, 0.2656, 0.2696



60.8567, 0.3210, 0.2848

Sweetspot

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



60.8595, 0.3595, 0.3923



96.5288, 0.3265, 0.3481



39.4899, 0.3677, 0.3176



20.5452, 0.3288, 0.3513



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.



60.8595, 0.3595, 0.3923



87.6343, 0.3696, 0.4053



62.2161, 0.3393, 0.4063



14.2024, 0.3270, 0.3488



29.3129, 0.4469, 0.4834



1.8530, 0.4414, 0.4877

Inverse Universe

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



37.0755, 0.2627, 0.2566



47.3555, 0.2510, 0.2389



36.3614, 0.2796, 0.2482



12.2929, 0.2982, 0.3084



3.6078, 0.1534, 0.0721



0.3118, 0.1606, 0.0982

Previews

White Background



This preview shows how the Yxy color 60.8567, 0.3595, 0.3923 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 60.8567, 0.3595, 0.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

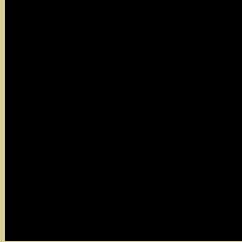
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

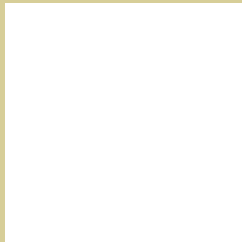
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8567, 0.3595, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 60.8567, 0.3595, 0.3923.



This preview shows how white text looks on a background with the Yxy color 60.8567, 0.3595, 0.3923.

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

60.8567, 0.3595, 0.3923

Protanopia

60.6357, 0.3650, 0.3904

Deuteranopia

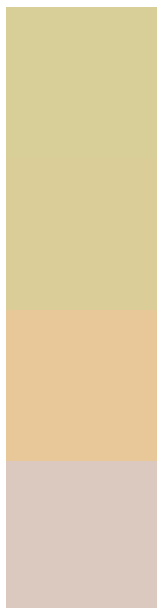
60.5137, 0.3833, 0.3750



Tritanopia

60.7219, 0.3206, 0.3123

Trichromacy



Original Color

60.8567, 0.3595, 0.3923

Protanomaly

60.8024, 0.3630, 0.3918

Deuteranomaly

60.7643, 0.3750, 0.3818

Tritanomaly

60.5949, 0.3344, 0.3405

Monochromacy



Original Color

60.8567, 0.3595, 0.3923

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9118, 0.3296, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8567, 0.3595, 0.3923 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(215, 206, 152)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 152)  
}
```

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(215, 206, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 152) }
```

Border

The CSS property to change the border of an element to Yxy 60.8567, 0.3595, 0.3923 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(215, 206, 152) }
```

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

```
.border{ border-color:rgb(215, 206, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 206, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 206, 152); box-shadow:4px 4px 4px 4px rgb(215, 206, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8567, 0.3595, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 152) }
```

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

```
.background{ background-color: rgb(215,  
206, 152) }
```

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