

Converting Colors

Yxy(49.0857, 0.3559, 0.3668)

Have a look what the booklet for
Yxy(49.0857, 0.3559, 0.3668)
contains.

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Color

Yxy(49.0042, 0.3560, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	CCB799
RGB	204, 183, 153
RGB Percent	80%, 72%, 60%
CMY	0.1999, 0.2823, 0.4001
CMYK	0.00, 0.10, 0.25, 0.20
HSL	35°, 33%, 70%
HSV	35°, 25%, 80%
XYZ	47.5873, 49.0042, 37.0806
YIQ	185.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

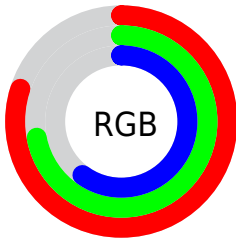
Format	Color
RYB	189, 204, 153
Decimal	13416345
CIELab	75.45, 2.83, 18.01
CIELCh	75, 18.234, 81.072
Yxy	49.0042, 0.3560, 0.3666
Android (android.graphics.Color)	4291606425 (0xFFCCB799)
YUV	185.8590, -16.1995, 15.9097
Hunter-Lab	70.0030, -1.1629, 17.5961

Details

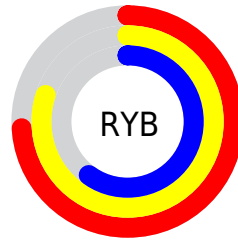
The Yxy color $49.0042, 0.3560, 0.3666$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.4038, 0.2727, 0.2882$, and the grayscale version is $49.1043, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.4980, 0.3439, 0.3610$, and $23.3141, 0.3676, 0.3763$ is the 20% darker color. If you saturate the color by 10%, you get $45.0257, 0.3767, 0.3823$, and if you desaturate by 10%, it is $53.3093, 0.3372, 0.3511$.

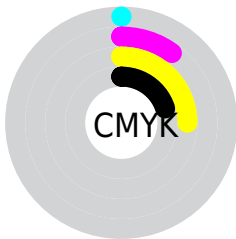
Distribution



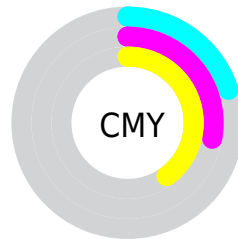
- Red (80%)
- Green (72%)
- Blue (60%)



- Red (74%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0042, 0.3560, 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 49.0042, 0.3560, 0.3666 by changing the saturation by 10% instead.

 49.0042, 0.3560,
0.3666


 49.0042, 0.3560,
0.3666


382.7589, 0.3345,
0.3482

 34.6228, 0.3613,
0.3711


 88.6977, 0.3482,
0.3600

 23.3725, 0.3680,
0.3767


 114.7786, 0.3453,
0.3575

 14.8688, 0.3769,
0.3840


145.5281, 0.3428,
0.3554

 8.7273, 0.3889,
0.3939

181.3306, 0.3407,
0.3535

 4.5638, 0.4063,
0.4078

222.5706, 0.3389,
0.3519

 1.9937, 0.4370,
0.4322

269.6323, 0.3372,

 0.6038, 0.5157,

0.3505

0.4843

322.9003, 0.3358,
0.3493

0.0000, 0.0000,
0.0000

49.0042, 0.3560,
0.3666

49.0042, 0.3560,
0.3666

45.0257, 0.3767,
0.3823

53.3093, 0.3372,
0.3511

41.3578, 0.3990,
0.3975

57.9433, 0.3204,
0.3362

37.9925, 0.4225,
0.4113

62.9169, 0.3055,
0.3221

34.9191, 0.4463,
0.4227

68.2382, 0.2923,
0.3090

32.1258, 0.4693,
0.4304

73.9151, 0.2807,
0.2969

■ 29.5994, 0.4902,
0.4334

■ 78.5709, 0.2813,
0.3060

■ 27.3245, 0.5079,
0.4311

■ 83.4530, 0.2818,
0.3151

■ 26.2722, 0.5159,
0.4286

■ 88.5648, 0.2824,
0.3239

■ 91.5797, 0.2827,
0.3289

Harmonies

Analogous

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



49.0042, 0.3626, 0.3501



49.0042, 0.3560, 0.3666



49.0042, 0.3376, 0.3736

Triad

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



49.0042, 0.3560, 0.3666



49.0042, 0.2718, 0.3265



49.0042, 0.3108, 0.2941

Complementary

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



49.0042, 0.3560, 0.3666



41.4038, 0.2727, 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.



49.0042, 0.2870, 0.2874



49.0042, 0.3560, 0.3666



49.0042, 0.2652, 0.3049

Square

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



49.0042, 0.3560, 0.3666



49.0042, 0.2891, 0.3500



49.0042, 0.2707, 0.2910



49.0042, 0.3359, 0.3091

Rectangle

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



49.0042, 0.3560, 0.3666



49.0042, 0.3215, 0.3711



49.0042, 0.2707, 0.2910



49.0042, 0.3024, 0.2908

Sweetspot

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



49.0064, 0.3560, 0.3666



93.5115, 0.3254, 0.3407



38.6831, 0.3435, 0.3023



19.7629, 0.3279, 0.3430



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.



49.0064, 0.3560, 0.3666



77.5351, 0.3669, 0.3750



57.7398, 0.3466, 0.3917



12.2919, 0.3276, 0.3426



16.7204, 0.5141, 0.4300



1.0099, 0.4908, 0.4485

Inverse Universe

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



41.4038, 0.2727, 0.2882



62.8395, 0.2636, 0.2780



34.3302, 0.2737, 0.2592



11.5902, 0.2983, 0.3150



6.9097, 0.1698, 0.1312



0.5048, 0.1806, 0.1703

Previews

White Background



This preview shows how the Yxy color 49.0042, 0.3560, 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 49.0042, 0.3560, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

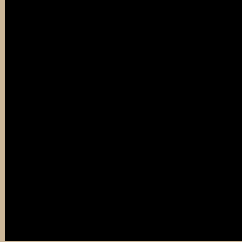
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0042, 0.3560, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 49.0042, 0.3560, 0.3666.



This preview shows how white text looks on a background with the Yxy color 49.0042, 0.3560, 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

49.0042, 0.3560, 0.3666

Protanopia

49.1867, 0.3471, 0.3699

Deuteranopia

49.0204, 0.3664, 0.3594



Tritanopia

49.1577, 0.3291, 0.3134

Trichromacy



Original Color

49.0042, 0.3560, 0.3666

Protanomaly

49.1731, 0.3501, 0.3683

Deuteranomaly

48.8245, 0.3624, 0.3610

Tritanomaly

49.0822, 0.3389, 0.3327

Monochromacy



Original Color

49.0042, 0.3560, 0.3666

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.0914, 0.3283, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0042, 0.3560, 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(204, 183, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 183, 153)  
}
```

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(204, 183, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 183, 153) }
```

Border

The CSS property to change the border of an element to Yxy 49.0042, 0.3560, 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(204, 183, 153) }
```

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

```
.border{ border-color:rgb(204, 183, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 183, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 183, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 183, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 183,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0042, 0.3560, 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(204, 183, 153) }
```

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

```
.background{ background-color: rgb(204,  
183, 153) }
```

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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