

Converting Colors

$Y_{xy}(45.6921, 0.3568, 0.3572)$

Have a look what the booklet for
Yxy(45.6921, 0.3568, 0.3572)
contains.

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Color

Yxy(45.6564, 0.3574, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	CBAF99
RGB	203, 175, 153
RGB Percent	80%, 69%, 60%
CMY	0.2039, 0.3137, 0.4001
CMYK	0.00, 0.14, 0.25, 0.20
HSL	26°, 32%, 70%
HSV	26°, 25%, 80%
XYZ	45.7076, 45.6564, 36.5251
YIQ	180.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

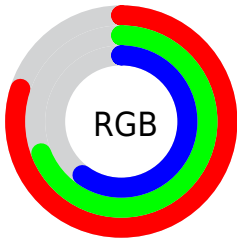
Format	Color
R_{YB}	203, 192, 153
Decimal	13348761
CIE _{Lab}	73.32, 6.72, 15.04
CIE _{LCh}	73, 16.472, 65.918
Yxy	45.6564, 0.3574, 0.3570
Android (android.graphics.Color)	4291538841 (0xFFCBAF99)
YUV	180.8640, -13.7370, 19.4133
Hunter-Lab	67.5695, 2.5001, 15.2491

Details

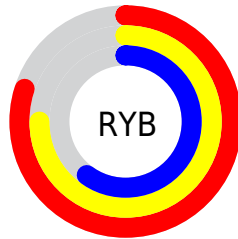
The Yxy color **45.6564, 0.3574, 0.3570** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1161, 0.2742, 0.2992**, and the grayscale version is **46.1974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9168, 0.3454, 0.3532**, and **21.4211, 0.3697, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **40.8061, 0.3803, 0.3690**, and if you desaturate by 10%, it is **50.9971, 0.3374, 0.3452**.

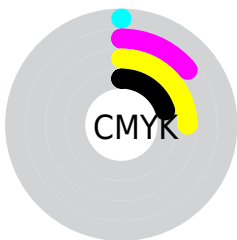
Distribution



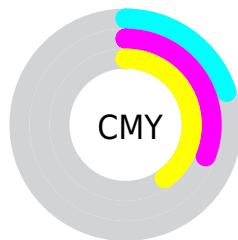
- Red (80%)
- Green (69%)
- Blue (60%)



- Red (80%)
- Yellow (75%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (20%)




- Cyan (20%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6564, 0.3574, 0.3570 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 45.6564, 0.3574, 0.3570 by changing the saturation by 10% instead.

 45.6564, 0.3574,
0.3570


 45.6564, 0.3574,
0.3570

369.4255, 0.3349,
0.3433

 31.9748, 0.3631,
0.3603


 83.7045, 0.3492,
0.3521

 21.3422, 0.3704,
0.3645


 108.8398, 0.3461,
0.3502

 13.3744, 0.3801,
0.3699


138.5618, 0.3435,
0.3486

 7.6869, 0.3937,
0.3772

173.2548, 0.3413,
0.3473

 3.8952, 0.4138,
0.3874

213.3033, 0.3393,
0.3461

 1.6151, 0.4525,
0.4076

259.0917, 0.3377,

 0.3678, 0.5827,

0.3450

0.4173

311.0043, 0.3362,
0.3441

0.0000, 0.0000,
0.0000

45.6564, 0.3574,
0.3570

45.6564, 0.3574,
0.3570

40.8061, 0.3803,
0.3690

50.9971, 0.3374,
0.3452

36.4249, 0.4060,
0.3806

56.8359, 0.3200,
0.3340

32.4993, 0.4342,
0.3911

63.1887, 0.3050,
0.3235

29.0124, 0.4642,
0.3994

70.0682, 0.2920,
0.3137

25.9462, 0.4943,
0.4041

77.4870, 0.2808,
0.3048

■ 23.2807, 0.5228,
0.4041

■ 84.1176, 0.2813,
0.3165

■ 20.9937, 0.5474,
0.3986

■ 91.1348, 0.2821,
0.3284

■ 19.9106, 0.5591,
0.3942

■ 91.4376, 0.2822,
0.3289

Harmonies

Analogous

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



45.6564, 0.3570, 0.3391



45.6564, 0.3574, 0.3570



45.6564, 0.3455, 0.3683

Triad

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



45.6564, 0.3574, 0.3570



45.6564, 0.2819, 0.3379



45.6564, 0.2993, 0.2923

Complementary

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



45.6564, 0.3574, 0.3570



44.1161, 0.2742, 0.2992

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.



45.6564, 0.2802, 0.2909



45.6564, 0.3574, 0.3570



45.6564, 0.2704, 0.3163

Square

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



45.6564, 0.3574, 0.3570



45.6564, 0.3017, 0.3577



45.6564, 0.2698, 0.2993



45.6564, 0.3227, 0.3027

Rectangle

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



45.6564, 0.3574, 0.3570



45.6564, 0.3324, 0.3701



45.6564, 0.2698, 0.2993



45.6564, 0.2922, 0.2908

Sweetspot

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



45.6585, 0.3574, 0.3570



92.6950, 0.3240, 0.3367



38.8184, 0.3356, 0.2935



19.7100, 0.3250, 0.3374



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.



45.6585, 0.3574, 0.3570



71.6776, 0.3702, 0.3639



56.1531, 0.3505, 0.3862



12.0132, 0.3279, 0.3392



12.8450, 0.5568, 0.3961



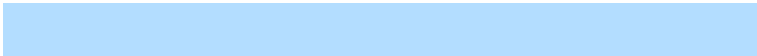
0.8130, 0.5233, 0.4227

Inverse Universe

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



44.1161, 0.2742, 0.2992



68.6198, 0.2651, 0.2912



34.9596, 0.2712, 0.2645



11.8679, 0.2983, 0.3185



10.5289, 0.1832, 0.1794



0.6929, 0.1921, 0.2114

Previews

White Background



This preview shows how the Yxy color 45.6564, 0.3574, 0.3570 looks on a white background.

Color Contrast Check

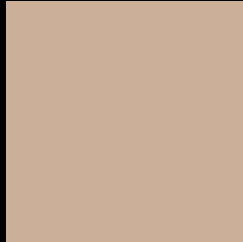
Large Text (above 18pt) WCAG AA × Fail

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 45.6564, 0.3574, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

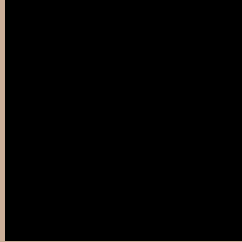
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6564, 0.3574, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 45.6564, 0.3574, 0.3570.



This preview shows how white text looks on a background with the Yxy color 45.6564, 0.3574, 0.3570.

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

45.6564, 0.3574, 0.3570

Protanopia

45.8279, 0.3413, 0.3619

Deuteranopia

45.4524, 0.3617, 0.3542



Tritanopia

45.8519, 0.3343, 0.3132

Trichromacy



Original Color

45.6564, 0.3574, 0.3570

Protanomaly

45.6432, 0.3473, 0.3602

Deuteranomaly

45.6938, 0.3605, 0.3555

Tritanomaly

45.6440, 0.3430, 0.3279

Monochromacy



Original Color

45.6564, 0.3574, 0.3570

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.9993, 0.3280, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6564, 0.3574, 0.3570 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(203, 175, 153)` looks like.

```
.text, #text, p{  
    color:rgb(203, 175, 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(203, 175, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 175, 153) }
```

Border

The CSS property to change the border of an element to Yxy 45.6564, 0.3574, 0.3570 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(203, 175, 153) }
```

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

```
.border{ border-color:rgb(203, 175, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 175, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 175, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 175, 153);  
box-shadow:4px 4px 4px 4px rgb(203, 175,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6564, 0.3574, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 175, 153) }
```

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

```
.background{ background-color: rgb(203,  
175, 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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