

Converting Colors

Yxy(54.3180, 0.3667, 0.3735)

Have a look what the booklet for
Yxy(54.3180, 0.3667, 0.3735)
contains.

Yxy(54.1869, 0.3672, 0.3728)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.1869, 0.3672, 0.3728)

Conversions

Conversions Part 1

Format	Color
Hex	DBBE99
RGB	219, 190, 153
RGB Percent	86%, 75%, 60%
CMY	0.1413, 0.2549, 0.3999
CMYK	0.00, 0.13, 0.30, 0.14
HSL	34°, 48%, 73%
HSV	34°, 30%, 86%
XYZ	53.3729, 54.1869, 37.7913
YIQ	194.4530, 29.1610, -5.3590

Conversions

Conversions Part 2

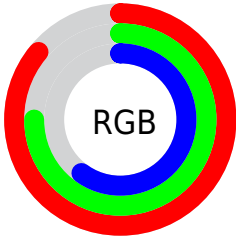
Format	Color
R _Y B	205, 219, 153
Decimal	14401177
CIE Lab	78.57, 4.87, 22.50
CIE LCh	79, 23.022, 77.775
Yxy	54.1869, 0.3672, 0.3728
Android (android.graphics.Color)	4292591257 (0xFFDBBE99)
YUV	194.4530, -20.4363, 21.5277
Hunter-Lab	73.6118, 0.6026, 21.0895

Details

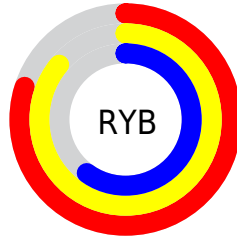
The Yxy color **54.1869, 0.3672, 0.3728** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.3380, 0.2641, 0.2807**, and the grayscale version is **54.3426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6765, 0.3427, 0.3677**, and **26.6372, 0.3811, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **49.5011, 0.3894, 0.3877**, and if you desaturate by 10%, it is **59.2854, 0.3470, 0.3577**.

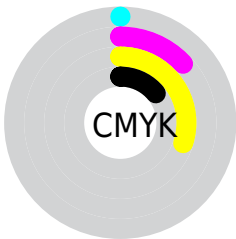
Distribution



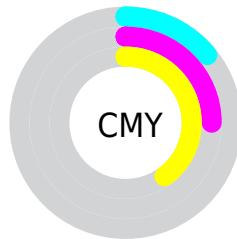
- Red (86%)
- Green (75%)
- Blue (60%)



- Red (80%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1869, 0.3672, 0.3728 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 54.1869, 0.3672, 0.3728 by changing the saturation by 10% instead.


 54.1869, 0.3672,
0.3728

 54.1869, 0.3672,
0.3728


402.8223, 0.3406,
0.3519

 38.7511, 0.3736,
0.3777


 96.3486, 0.3577,
0.3654

 26.5662, 0.3816,
0.3838


 123.8433, 0.3541,
0.3626

 17.2477, 0.3920,
0.3915


156.1265, 0.3510,
0.3602

 10.4112, 0.4059,
0.4015

193.5824, 0.3484,
0.3581

 5.6725, 0.4252,
0.4150

236.5956, 0.3461,
0.3562

 2.6470, 0.4555,
0.4351

285.5504, 0.3440,

 0.9503, 0.5210,

0.3546

0.4790

340.8311, 0.3422,
0.3532

0.0000, 0.0000,
0.0000

54.1869, 0.3672,
0.3728

54.1869, 0.3672,
0.3728

49.5011, 0.3894,
0.3877

59.2854, 0.3470,
0.3577

45.2079, 0.4133,
0.4018

64.8009, 0.3289,
0.3431

41.2966, 0.4382,
0.4139

70.7472, 0.3129,
0.3292

37.7525, 0.4630,
0.4230

77.1349, 0.2988,
0.3161

34.5598, 0.4865,
0.4277

83.4813, 0.2906,
0.3115

■ 31.7005, 0.5072,
0.4271

■ 89.2345, 0.2909,
0.3215

■ 29.1758, 0.5244,
0.4218

■ 93.7966, 0.2911,
0.3289

Harmonies

Analogous

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



54.1869, 0.3736, 0.3515



54.1869, 0.3672, 0.3728



54.1869, 0.3459, 0.3834

Triad

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



54.1869, 0.3672, 0.3728



54.1869, 0.2648, 0.3288



54.1869, 0.3067, 0.2854

Complementary

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



54.1869, 0.3672, 0.3728



45.3380, 0.2641, 0.2807

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.



54.1869, 0.2787, 0.2785



54.1869, 0.3672, 0.3728



54.1869, 0.2554, 0.3018

Square

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



54.1869, 0.3672, 0.3728



54.1869, 0.2867, 0.3577



54.1869, 0.2603, 0.2840



54.1869, 0.3378, 0.3025

Rectangle

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



54.1869, 0.3672, 0.3728



54.1869, 0.3266, 0.3819



54.1869, 0.2603, 0.2840



54.1869, 0.2967, 0.2818

Sweetspot

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



54.1894, 0.3672, 0.3728



92.3462, 0.3272, 0.3416



41.2524, 0.3499, 0.2939



19.5112, 0.3296, 0.3437



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.



54.1894, 0.3672, 0.3728



72.3521, 0.3807, 0.3821



67.5024, 0.3554, 0.4046



14.2569, 0.3278, 0.3421



17.5255, 0.5224, 0.4234



1.3060, 0.5010, 0.4404

Inverse Universe

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



45.3380, 0.2641, 0.2807



57.9832, 0.2536, 0.2690



35.0023, 0.2622, 0.2419



13.5535, 0.2982, 0.3155



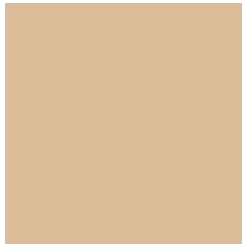
8.2223, 0.1719, 0.1389



0.7024, 0.1807, 0.1706

Previews

White Background



This preview shows how the Yxy color 54.1869, 0.3672, 0.3728 looks on a white background.

Color Contrast Check

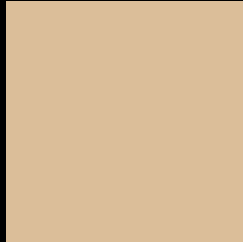
Large Text (above 18pt) WCAG AA × Fail

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 54.1869, 0.3672, 0.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

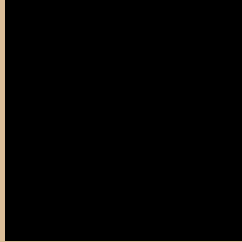
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1869, 0.3672, 0.3728

Background



This preview shows how black text looks on a background with the Yxy color 54.1869, 0.3672, 0.3728.



This preview shows how white text looks on a background with the Yxy color 54.1869, 0.3672, 0.3728.

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

54.1869, 0.3672, 0.3728

Protanopia

54.2155, 0.3539, 0.3766

Deuteranopia

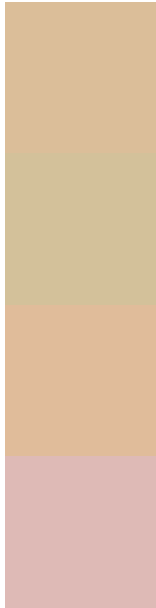
54.2046, 0.3745, 0.3672



Tritanopia

54.2055, 0.3355, 0.3131

Trichromacy



Original Color

54.1869, 0.3672, 0.3728

Protanomaly

54.3219, 0.3585, 0.3761

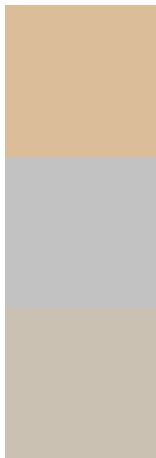
Deuteranomaly

54.1468, 0.3715, 0.3687

Tritanomaly

54.0248, 0.3467, 0.3337

Monochromacy



Original Color

54.1869, 0.3672, 0.3728

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0911, 0.3317, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1869, 0.3672, 0.3728 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(219, 190, 153)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 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(219, 190, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 153) }
```

Border

The CSS property to change the border of an element to Yxy 54.1869, 0.3672, 0.3728 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(219, 190, 153) }
```

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

```
.border{ border-color:rgb(219, 190, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 190, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 190, 153);  
box-shadow:4px 4px 4px 4px rgb(219, 190,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1869, 0.3672, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 153) }
```

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

```
.background{ background-color: rgb(219,  
190, 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](#).

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