

Converting Colors

$Yxy(54.5548, 0.3660, 0.3748)$

Have a look what the booklet for
Yxy(54.5548, 0.3660, 0.3748)
contains.

Yxy(54.4669, 0.3660, 0.3741)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4669, 0.3660, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	DABF99
RGB	218, 191, 153
RGB Percent	85%, 75%, 60%
CMY	0.1452, 0.2509, 0.4000
CMYK	0.00, 0.12, 0.30, 0.15
HSL	35°, 47%, 73%
HSV	35°, 30%, 85%
XYZ	53.2876, 54.4669, 37.8400
YIQ	194.7410, 28.2900, -6.0940

Conversions

Conversions Part 2

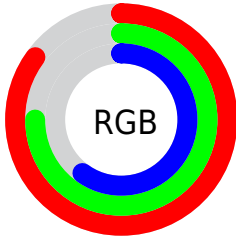
Format	Color
R _Y B	199, 218, 153
Decimal	14335897
CIE Lab	78.73, 3.95, 22.72
CIE LCh	79, 23.061, 80.128
Yxy	54.4669, 0.3660, 0.3741
Android (android.graphics.Color)	4292525977 (0xFFDABF99)
YUV	194.7410, -20.5783, 20.3981
Hunter-Lab	73.8017, -0.2693, 21.2617

Details

The Yxy color **54.4669, 0.3660, 0.3741** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4569, 0.2644, 0.2792**, and the grayscale version is **54.5228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3356, 0.3419, 0.3676**, and **26.8176, 0.3793, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **49.9898, 0.3877, 0.3896**, and if you desaturate by 10%, it is **59.3241, 0.3462, 0.3585**.

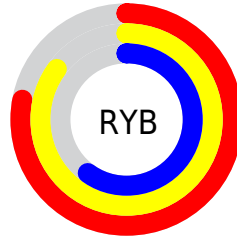
Distribution



Red (85%)

Green (75%)

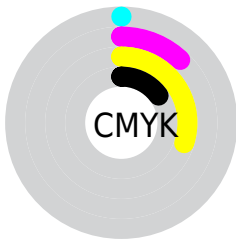
Blue (60%)



Red (78%)

Yellow (85%)

Blue (60%)

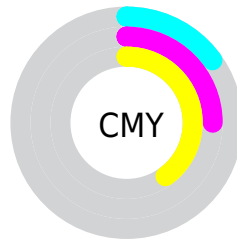


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (25%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4669, 0.3660, 0.3741 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 54.4669, 0.3660, 0.3741 by changing the saturation by 10% instead.


 54.4669, 0.3660,
0.3741


 54.4669, 0.3660,
0.3741

403.8879, 0.3401,
0.3525

 38.9751, 0.3722,
0.3792

 96.7594, 0.3568,
0.3665

 26.7403, 0.3800,
0.3855


 124.3289, 0.3532,
0.3636

 17.3783, 0.3901,
0.3935


156.6931, 0.3502,
0.3611

 10.5046, 0.4036,
0.4039

194.2364, 0.3476,
0.3589

 5.7348, 0.4222,
0.4180

237.3431, 0.3454,
0.3570

 2.6845, 0.4513,
0.4391

286.3976, 0.3434,

 0.9693, 0.5146,

0.3553

0.4854

341.7845, 0.3416,
0.3538

0.0000, 0.0000,
0.0000

54.4669, 0.3660,
0.3741

54.4669, 0.3660,
0.3741

49.9898, 0.3877,
0.3896

59.3241, 0.3462,
0.3585

45.8739, 0.4108,
0.4043

64.5648, 0.3283,
0.3432

42.1092, 0.4348,
0.4170

70.2019, 0.3124,
0.3287

38.6825, 0.4586,
0.4267

76.2451, 0.2984,
0.3152

35.5789, 0.4810,
0.4320

82.2459, 0.2899,
0.3096

■ 32.7818, 0.5006,
0.4322

■ 87.5929, 0.2902,
0.3190

■ 30.2654, 0.5169,
0.4276

■ 93.2074, 0.2905,
0.3282

■ 30.2195, 0.5173,
0.4275

■ 93.6412, 0.2906,
0.3289

Harmonies

Analogous

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



54.4669, 0.3738, 0.3534



54.4669, 0.3660, 0.3741



54.4669, 0.3438, 0.3836

Triad

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



54.4669, 0.3660, 0.3741



54.4669, 0.2636, 0.3265



54.4669, 0.3092, 0.2864

Complementary

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



54.4669, 0.3660, 0.3741



44.4569, 0.2644, 0.2792

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.



54.4669, 0.2806, 0.2786



54.4669, 0.3660, 0.3741



54.4669, 0.2553, 0.3000

Square

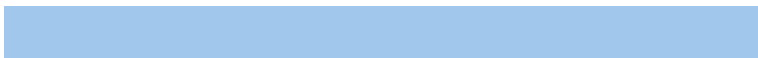
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4669, 0.3660, 0.3741



54.4669, 0.2847, 0.3556



54.4669, 0.2613, 0.2831



54.4669, 0.3401, 0.3041

Rectangle

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



54.4669, 0.3660, 0.3741



54.4669, 0.3242, 0.3812



54.4669, 0.2613, 0.2831



54.4669, 0.2990, 0.2826

Sweetspot

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



54.4694, 0.3660, 0.3741



92.6837, 0.3271, 0.3421



40.9812, 0.3515, 0.2968



19.5944, 0.3296, 0.3443



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.



54.4694, 0.3660, 0.3741



73.4927, 0.3799, 0.3843



66.5085, 0.3533, 0.4042



14.3111, 0.3277, 0.3427



18.3267, 0.5154, 0.4290



1.3558, 0.4956, 0.4447

Inverse Universe

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



44.4569, 0.2644, 0.2792



56.9346, 0.2532, 0.2663



35.1533, 0.2646, 0.2433



13.5003, 0.2982, 0.3149



7.6597, 0.1699, 0.1315



0.6637, 0.1788, 0.1638

Previews

White Background



This preview shows how the Yxy color 54.4669, 0.3660, 0.3741 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 54.4669, 0.3660, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

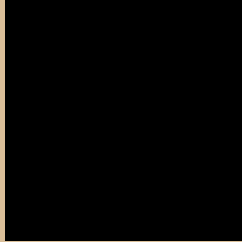
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

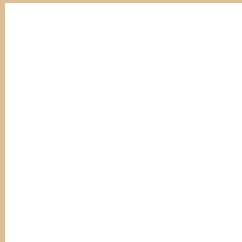
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4669, 0.3660, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 54.4669, 0.3660, 0.3741.



This preview shows how white text looks on a background with the Yxy color 54.4669, 0.3660, 0.3741.

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

54.4669, 0.3660, 0.3741

Protanopia

54.6622, 0.3536, 0.3778

Deuteranopia

54.3677, 0.3754, 0.3671



Tritanopia

54.5094, 0.3337, 0.3131

Trichromacy



Original Color

54.4669, 0.3660, 0.3741

Protanomaly

54.7656, 0.3582, 0.3773

Deuteranomaly

54.1468, 0.3715, 0.3687

Tritanomaly

54.2902, 0.3457, 0.3349

Monochromacy



Original Color

54.4669, 0.3660, 0.3741

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5754, 0.3307, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4669, 0.3660, 0.3741 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(218, 191, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 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(218, 191, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 153) }
```

Border

The CSS property to change the border of an element to Yxy 54.4669, 0.3660, 0.3741 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(218, 191, 153) }
```

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

```
.border{ border-color:rgb(218, 191, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 191, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 191, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 191, 153);  
box-shadow:4px 4px 4px 4px rgb(218, 191,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4669, 0.3660, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 153) }
```

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

```
.background{ background-color: rgb(218,  
191, 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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