

Converting Colors

Yxy(52.4395, 0.3656, 0.3698)

Have a look what the booklet for
Yxy(52.4395, 0.3656, 0.3698)
contains.

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Color

Yxy(52.4395, 0.3656, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	D8BB99
RGB	216, 187, 153
RGB Percent	85%, 73%, 60%
CMY	0.1528, 0.2667, 0.4000
CMYK	0.00, 0.13, 0.29, 0.15
HSL	32°, 45%, 72%
HSV	32°, 29%, 85%
XYZ	51.8439, 52.4395, 37.5216
YIQ	191.7950, 28.1980, -4.4260

Conversions

Conversions Part 2

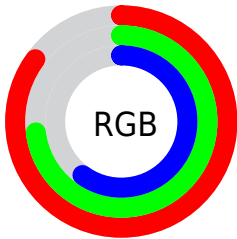
Format	Color
R _Y B	207, 216, 153
Decimal	14203801
CIE Lab	77.54, 5.33, 21.06
CIE LCh	78, 21.726, 75.807
Yxy	52.4395, 0.3656, 0.3698
Android (android.graphics.Color)	4292393881 (0xFFD8BB99)
YUV	191.7950, -19.1259, 21.2278
Hunter-Lab	72.4151, 1.0664, 19.9697

Details

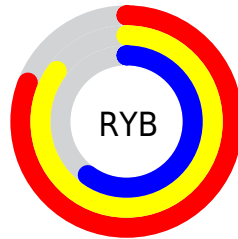
The Yxy color **52.4395, 0.3656, 0.3698** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.1945, 0.2659, 0.2844**, and the grayscale version is **52.6901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8662, 0.3432, 0.3648**, and **25.4831, 0.3791, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **47.7157, 0.3880, 0.3843**, and if you desaturate by 10%, it is **57.5898, 0.3454, 0.3553**.

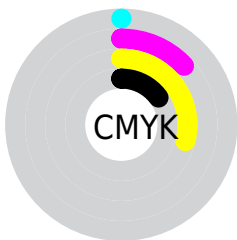
Distribution



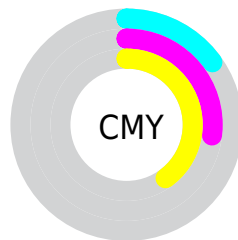
- Red (85%)
- Green (73%)
- Blue (60%)



- Red (81%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4395, 0.3656, 0.3698 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 52.4395, 0.3656, 0.3698 by changing the saturation by 10% instead.


 52.4395, 0.3656,
0.3698

 52.4395, 0.3656,
0.3698

396.1310, 0.3396,
0.3502

 37.3555, 0.3719,
0.3744


 93.7791, 0.3563,
0.3629

 25.4829, 0.3798,
0.3801


 120.8035, 0.3528,
0.3602

 16.4372, 0.3902,
0.3875


152.5768, 0.3498,
0.3580

 9.8340, 0.4041,
0.3971

189.4834, 0.3472,
0.3560

 5.2891, 0.4238,
0.4100

231.9077, 0.3449,
0.3543

 2.4178, 0.4557,
0.4301

280.2342, 0.3429,

 0.8350, 0.5259,

0.3528

0.4741

334.8471, 0.3412,
0.3514

0.0000, 0.0000,
0.0000

52.4395, 0.3656,
0.3698

52.4395, 0.3656,
0.3698

47.7157, 0.3880,
0.3843

57.5898, 0.3454,
0.3553

43.3982, 0.4123,
0.3979

63.1716, 0.3274,
0.3413

39.4759, 0.4379,
0.4098

69.1987, 0.3115,
0.3279

35.9339, 0.4637,
0.4188

75.6823, 0.2976,
0.3155

32.7562, 0.4885,
0.4235

82.2402, 0.2887,
0.3100

■ 29.9244, 0.5105,
0.4230

■ 88.1533, 0.2891,
0.3204

■ 27.4131, 0.5291,
0.4175

■ 93.3429, 0.2894,
0.3289

■ 27.2191, 0.5305,
0.4169

Harmonies

Analogous

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



52.4395, 0.3706, 0.3491



52.4395, 0.3656, 0.3698



52.4395, 0.3461, 0.3806

Triad

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



52.4395, 0.3656, 0.3698



52.4395, 0.2680, 0.3308



52.4395, 0.3051, 0.2865

Complementary

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



52.4395, 0.3656, 0.3698



45.1945, 0.2659, 0.2844

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.



52.4395, 0.2787, 0.2807



52.4395, 0.3656, 0.3698



52.4395, 0.2581, 0.3046

Square

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



52.4395, 0.3656, 0.3698



52.4395, 0.2896, 0.3580



52.4395, 0.2619, 0.2868



52.4395, 0.3348, 0.3023

Rectangle

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



52.4395, 0.3656, 0.3698



52.4395, 0.3279, 0.3798



52.4395, 0.2619, 0.2868



52.4395, 0.2956, 0.2833

Sweetspot

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



52.4419, 0.3656, 0.3698



92.0502, 0.3272, 0.3411



40.7765, 0.3473, 0.2938



19.4383, 0.3297, 0.3432



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.



52.4419, 0.3656, 0.3698



72.0460, 0.3791, 0.3787



65.7095, 0.3549, 0.4019



13.5195, 0.3278, 0.3416



16.3250, 0.5284, 0.4187



1.1494, 0.5045, 0.4376

Inverse Universe

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



45.1945, 0.2659, 0.2844



59.8535, 0.2556, 0.2732



34.7163, 0.2633, 0.2449



12.9417, 0.2982, 0.3161



8.4804, 0.1739, 0.1458



0.6760, 0.1830, 0.1788

Previews

White Background



This preview shows how the Yxy color 52.4395, 0.3656, 0.3698 looks on a white background.

Color Contrast Check

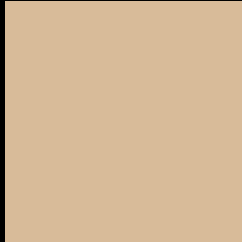
Large Text (above 18pt) WCAG AA × Fail

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 52.4395, 0.3656, 0.3698 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 52.4395, 0.3656, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 52.4395, 0.3656, 0.3698.



This preview shows how white text looks on a background with the Yxy color 52.4395, 0.3656, 0.3698.

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

52.4395, 0.3656, 0.3698

Protanopia

52.3247, 0.3512, 0.3737

Deuteranopia

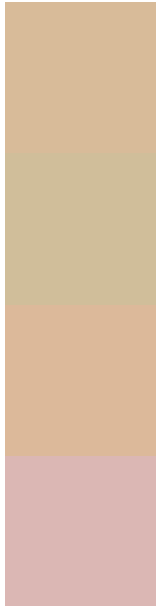
52.3020, 0.3720, 0.3643



Tritanopia

52.3600, 0.3358, 0.3129

Trichromacy



Original Color

52.4395, 0.3656, 0.3698

Protanomaly

52.5699, 0.3567, 0.3731

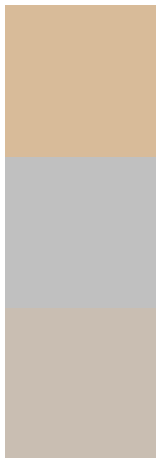
Deuteranomaly

52.2467, 0.3690, 0.3658

Tritanomaly

52.2223, 0.3464, 0.3326

Monochromacy



Original Color

52.4395, 0.3656, 0.3698

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4588, 0.3312, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4395, 0.3656, 0.3698 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(216, 187, 153)` looks like.

```
.text, #text, p{  
    color:rgb(216, 187, 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(216, 187, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 187, 153) }
```

Border

The CSS property to change the border of an element to Yxy 52.4395, 0.3656, 0.3698 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(216, 187, 153) }
```

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

```
.border{ border-color:rgb(216, 187, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 187, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 187, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 187, 153);  
box-shadow:4px 4px 4px 4px rgb(216, 187,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4395, 0.3656, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 187, 153) }
```

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

```
.background{ background-color: rgb(216,  
187, 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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