

Converting Colors

Yxy(54.7325, 0.3607, 0.3707)

Have a look what the booklet for
Yxy(54.7325, 0.3607, 0.3707)
contains.

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Color

Yxy(54.7325, 0.3607, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	D8C09D
RGB	216, 192, 157
RGB Percent	85%, 75%, 62%
CMY	0.1529, 0.2470, 0.3843
CMYK	0.00, 0.11, 0.27, 0.15
HSL	36°, 43%, 73%
HSV	36°, 27%, 85%
XYZ	53.2560, 54.7325, 39.6578
YIQ	195.1860, 25.5390, -5.7970

Conversions

Conversions Part 2

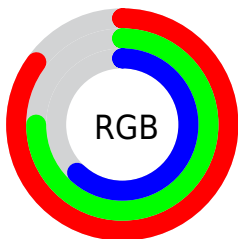
Format	Color
RYB	197, 216, 157
Decimal	14205085
CIELab	78.89, 3.21, 20.77
CIELCh	79, 21.015, 81.214
Yxy	54.7325, 0.3607, 0.3707
Android (android.graphics.Color)	4292395165 (0xFFD8C09D)
YUV	195.1860, -18.8257, 18.2539
Hunter-Lab	73.9814, -0.9730, 20.0045

Details

The Yxy color **54.7325, 0.3607, 0.3707** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.1787, 0.2686, 0.2834**, and the grayscale version is **54.7947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1483, 0.3393, 0.3645**, and **26.9794, 0.3721, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **50.3163, 0.3818, 0.3865**, and if you desaturate by 10%, it is **59.5146, 0.3415, 0.3549**.

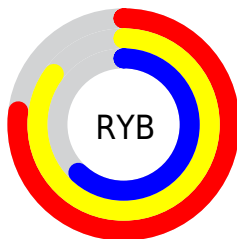
Distribution



Red (85%)

Green (75%)

Blue (62%)



Red (77%)

Yellow (85%)

Blue (62%)

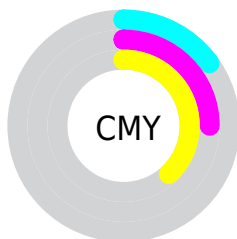


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (25%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7325, 0.3607, 0.3707 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 54.7325, 0.3607, 0.3707 by changing the saturation by 10% instead.


 54.7325, 0.3607,
0.3707


 54.7325, 0.3607,
0.3707


404.8971, 0.3374,
0.3507

 39.1876, 0.3663,
0.3754


 97.1489, 0.3524,
0.3636

 26.9057, 0.3733,
0.3813


 124.7892, 0.3492,
0.3609

 17.5024, 0.3825,
0.3889


157.2301, 0.3465,
0.3586

 10.5933, 0.3947,
0.3988

194.8560, 0.3442,
0.3566

 5.7941, 0.4118,
0.4124

238.0512, 0.3421,
0.3548

 2.7203, 0.4373,
0.4318

287.2002, 0.3404,

 0.9875, 0.5094,

0.3533

0.4906

342.6874, 0.3388,
0.3519

0.0000, 0.0000,
0.0000

54.7325, 0.3607,
0.3707

54.7325, 0.3607,
0.3707

50.3163, 0.3818,
0.3865

59.5146, 0.3415,
0.3549

46.2477, 0.4044,
0.4016

64.6653, 0.3242,
0.3397

42.5175, 0.4280,
0.4151

70.1969, 0.3088,
0.3252

39.1132, 0.4516,
0.4258

76.1187, 0.2951,
0.3117

36.0212, 0.4740,
0.4326

81.7780, 0.2887,
0.3092

■ 33.2258, 0.4940,
0.4343

■ 86.9621, 0.2890,
0.3184

■ 30.7077, 0.5106,
0.4308

■ 92.3987, 0.2894,
0.3274

■ 30.0713, 0.5149,
0.4294

■ 93.3399, 0.2894,
0.3289

Harmonies

Analogous

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



54.7325, 0.3682, 0.3523



54.7325, 0.3607, 0.3707



54.7325, 0.3402, 0.3786

Triad

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



54.7325, 0.3607, 0.3707



54.7325, 0.2674, 0.3259



54.7325, 0.3106, 0.2905

Complementary

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



54.7325, 0.3607, 0.3707



45.1787, 0.2686, 0.2834

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.



54.7325, 0.2843, 0.2830



54.7325, 0.3607, 0.3707



54.7325, 0.2602, 0.3020

Square

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



54.7325, 0.3607, 0.3707



54.7325, 0.2863, 0.3522



54.7325, 0.2662, 0.2868



54.7325, 0.3386, 0.3070

Rectangle

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



54.7325, 0.3607, 0.3707



54.7325, 0.3223, 0.3760



54.7325, 0.2662, 0.2868



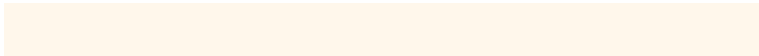
54.7325, 0.3013, 0.2868

Sweetspot

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



54.7350, 0.3607, 0.3707



93.5735, 0.3254, 0.3408



42.0764, 0.3473, 0.2996



19.7786, 0.3279, 0.3431



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.



54.7350, 0.3607, 0.3707



75.7831, 0.3731, 0.3802



65.4119, 0.3499, 0.3978



13.6331, 0.3276, 0.3428



18.0149, 0.5130, 0.4309



1.2473, 0.4925, 0.4471

Inverse Universe

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



45.1787, 0.2686, 0.2834



59.5647, 0.2583, 0.2716



36.7475, 0.2693, 0.2516



12.8300, 0.2982, 0.3148



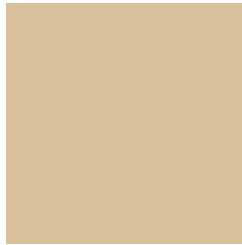
7.2537, 0.1693, 0.1293



0.5979, 0.1788, 0.1638

Previews

White Background



This preview shows how the Yxy color 54.7325, 0.3607, 0.3707 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 54.7325, 0.3607, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

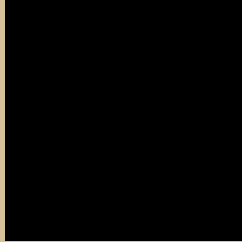
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7325, 0.3607, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 54.7325, 0.3607, 0.3707.



This preview shows how white text looks on a background with the Yxy color 54.7325, 0.3607, 0.3707.

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

54.7325, 0.3607, 0.3707

Protanopia

54.7642, 0.3512, 0.3741

Deuteranopia

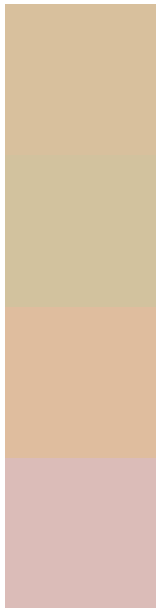
54.7660, 0.3708, 0.3637



Tritanopia

54.6601, 0.3310, 0.3130

Trichromacy



Original Color

54.7325, 0.3607, 0.3707

Protanomaly

54.7538, 0.3541, 0.3726

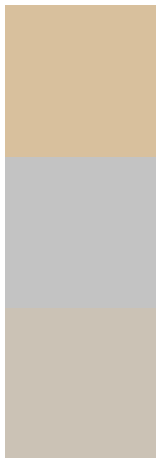
Deuteranomaly

54.5518, 0.3669, 0.3653

Tritanomaly

54.4872, 0.3421, 0.3338

Monochromacy



Original Color

54.7325, 0.3607, 0.3707

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6163, 0.3300, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7325, 0.3607, 0.3707 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, 192, 157)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 157)  
}
```

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, 192, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 157) }
```

Border

The CSS property to change the border of an element to Yxy 54.7325, 0.3607, 0.3707 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, 192, 157) }
```

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

```
.border{ border-color:rgb(216, 192, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 157);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7325, 0.3607, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 157) }
```

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

```
.background{ background-color: rgb(216,  
192, 157) }
```

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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