

Converting Colors

Yxy(51.9864, 0.3710, 0.3839)

Have a look what the booklet for
Yxy(51.9864, 0.3710, 0.3839)
contains.

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Color

Yxy(52.0957, 0.3708, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	D5BC8F
RGB	213, 188, 143
RGB Percent	84%, 74%, 56%
CMY	0.1647, 0.2627, 0.4391
CMYK	0.00, 0.12, 0.33, 0.16
HSL	39°, 45%, 70%
HSV	39°, 33%, 84%
XYZ	50.3836, 52.0957, 33.3989
YIQ	190.3450, 29.3450, -8.6950

Conversions

Conversions Part 2

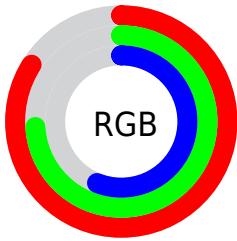
Format	Color
R _Y B	182, 213, 143
Decimal	14007439
CIE Lab	77.34, 2.34, 26.05
CIE LCh	77, 26.150, 84.871
Yxy	52.0957, 0.3708, 0.3834
Android (android.graphics.Color)	4292197519 (0xFFD5BC8F)
YUV	190.3450, -23.3411, 19.8684
Hunter-Lab	72.1774, -1.7079, 23.0887

Details

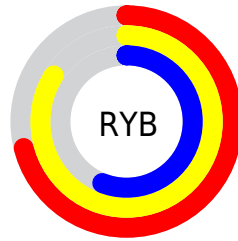
The Yxy color **52.0957, 0.3708, 0.3834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.6630, 0.2586, 0.2676**, and the grayscale version is **51.8289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9926, 0.3494, 0.3758**, and **25.2688, 0.3860, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **48.3462, 0.3917, 0.4001**, and if you desaturate by 10%, it is **56.1440, 0.3512, 0.3664**.

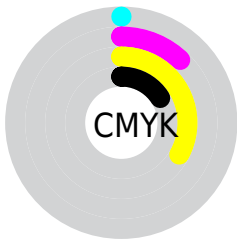
Distribution



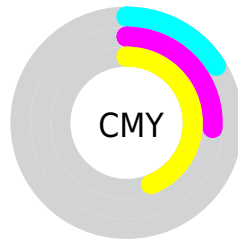
- Red (84%)
- Green (74%)
- Blue (56%)



- Red (71%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0957, 0.3708, 0.3834 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 52.0957, 0.3708, 0.3834 by changing the saturation by 10% instead.


 52.0957, 0.3708,
0.3834


 52.0957, 0.3708,
0.3834


394.8060, 0.3425,
0.3571

 37.0814, 0.3776,
0.3896


 93.2724, 0.3607,
0.3741

 25.2705, 0.3861,
0.3973


 120.2035, 0.3568,
0.3705

 16.2787, 0.3970,
0.4072


151.8756, 0.3536,
0.3675

 9.7216, 0.4115,
0.4200

188.6732, 0.3507,
0.3648

 5.2147, 0.4313,
0.4371

230.9807, 0.3483,
0.3625

 2.3738, 0.4726,
0.4737

279.1823, 0.3461,

 0.8124, 0.5051,

0.3605

0.4949

333.6626, 0.3442,
0.3587

0.0000, 0.0000,
0.0000

52.0957, 0.3708,
0.3834

52.0957, 0.3708,
0.3834

48.3462, 0.3917,
0.4001

56.1440, 0.3512,
0.3664

44.8788, 0.4135,
0.4155

60.4929, 0.3333,
0.3496

41.6855, 0.4353,
0.4286

65.1533, 0.3170,
0.3334

38.7551, 0.4563,
0.4382

70.1332, 0.3025,
0.3182

36.0748, 0.4751,
0.4433

75.4402, 0.2895,
0.3041

■ 33.6298, 0.4910,
0.4432

■ 80.0197, 0.2867,
0.3067

■ 32.0096, 0.5007,
0.4406

■ 84.4380, 0.2871,
0.3147

■ 89.0446, 0.2874,
0.3226

■ 92.8862, 0.2877,
0.3289

Harmonies

Analogous

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



52.0957, 0.3829, 0.3609



52.0957, 0.3708, 0.3834



52.0957, 0.3431, 0.3922

Triad

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



52.0957, 0.3708, 0.3834



52.0957, 0.2539, 0.3205



52.0957, 0.3142, 0.2830

Complementary

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



52.0957, 0.3708, 0.3834



38.6630, 0.2586, 0.2676

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.



52.0957, 0.2804, 0.2721



52.0957, 0.3708, 0.3834



52.0957, 0.2471, 0.2915

Square

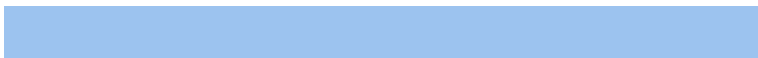
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0957, 0.3708, 0.3834



52.0957, 0.2758, 0.3547



52.0957, 0.2565, 0.2746



52.0957, 0.3493, 0.3045

Rectangle

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



52.0957, 0.3708, 0.3834



52.0957, 0.3200, 0.3876



52.0957, 0.2565, 0.2746



52.0957, 0.3023, 0.2780

Sweetspot

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



52.0981, 0.3708, 0.3834



92.7895, 0.3286, 0.3451



36.6538, 0.3605, 0.2976



19.6522, 0.3310, 0.3474



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.



52.0981, 0.3708, 0.3834



74.5535, 0.3844, 0.3944



62.3639, 0.3544, 0.4126



13.7388, 0.3275, 0.3439



19.7521, 0.4992, 0.4418



1.3452, 0.4819, 0.4556

Inverse Universe

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



38.6630, 0.2586, 0.2676



51.5398, 0.2470, 0.2529



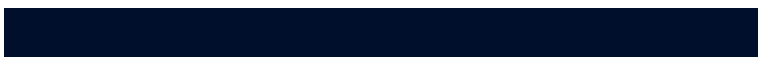
31.1692, 0.2618, 0.2341



12.7276, 0.2982, 0.3136



6.2763, 0.1654, 0.1152



0.5326, 0.1751, 0.1504

Previews

White Background



This preview shows how the Yxy color 52.0957, 0.3708, 0.3834 looks on a white background.

Color Contrast Check

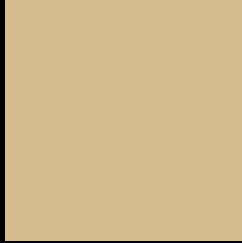
Large Text (above 18pt) WCAG AA × Fail

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 52.0957, 0.3708, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

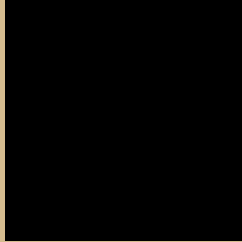
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0957, 0.3708, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 52.0957, 0.3708, 0.3834.

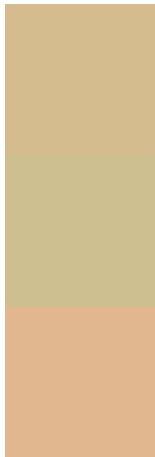


This preview shows how white text looks on a background with the Yxy color 52.0957, 0.3708, 0.3834.

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

52.0957, 0.3708, 0.3834

Protanopia

52.2544, 0.3618, 0.3871

Deuteranopia

51.8881, 0.3828, 0.3746



Tritanopia

52.0479, 0.3341, 0.3128

Trichromacy



Original Color

52.0957, 0.3708, 0.3834

Protanomaly

52.2504, 0.3648, 0.3854

Deuteranomaly

52.0837, 0.3783, 0.3775

Tritanomaly

52.1673, 0.3478, 0.3386

Monochromacy



Original Color

52.0957, 0.3708, 0.3834

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4181, 0.3328, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0957, 0.3708, 0.3834 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(213, 188, 143)` looks like.

```
.text, #text, p{  
    color:rgb(213, 188, 143)  
}
```

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(213, 188, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 188, 143) }
```

Border

The CSS property to change the border of an element to Yxy 52.0957, 0.3708, 0.3834 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(213, 188, 143) }
```

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

```
.border{ border-color:rgb(213, 188, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 188, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 188, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 188, 143);  
box-shadow:4px 4px 4px 4px rgb(213, 188,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0957, 0.3708, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 188, 143) }
```

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

```
.background{ background-color: rgb(213,  
188, 143) }
```

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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