

Converting Colors

$Y_{xy}(52.7095, 0.3505, 0.3697)$

Have a look what the booklet for
Yxy(52.7095, 0.3505, 0.3697)
contains.

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Color

Yxy(52.7094, 0.3505, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	CDBF9E
RGB	205, 191, 158
RGB Percent	80%, 75%, 62%
CMY	0.1962, 0.2509, 0.3803
CMYK	0.00, 0.07, 0.23, 0.20
HSL	42°, 32%, 71%
HSV	42°, 23%, 80%
XYZ	49.9720, 52.7094, 39.8920
YIQ	191.4240, 18.9370, -7.2950

Conversions

Conversions Part 2

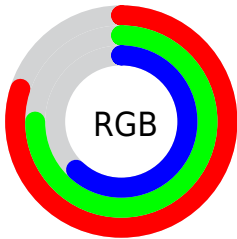
Format	Color
RYB	178, 205, 158
Decimal	13483934
CIELab	77.70, -0.34, 18.45
CIELCh	78, 18.450, 91.058
Yxy	52.7094, 0.3505, 0.3697
Android (android.graphics.Color)	4291674014 (0xFFCDBF9E)
YUV	191.4240, -16.4780, 11.9062
Hunter-Lab	72.6012, -4.1893, 18.2429

Details

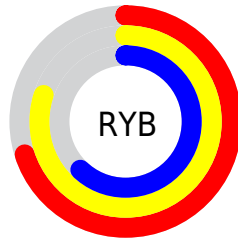
The Yxy color **52.7094, 0.3505, 0.3697** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1644, 0.2757, 0.2847**, and the grayscale version is **52.4478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5856, 0.3388, 0.3626**, and **25.7225, 0.3596, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **49.4631, 0.3692, 0.3881**, and if you desaturate by 10%, it is **56.1885, 0.3331, 0.3515**.

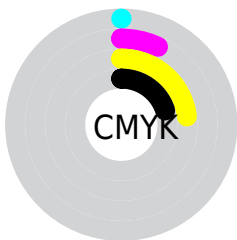
Distribution



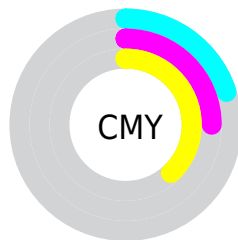
- Red (80%)
- Green (75%)
- Blue (62%)



- Red (70%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7094, 0.3505, 0.3697 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 52.7094, 0.3505, 0.3697 by changing the saturation by 10% instead.

■ 52.7094, 0.3505,
0.3697

■ 52.7094, 0.3505,
0.3697

397.1692, 0.3321,
0.3498

■ 37.5708, 0.3549,
0.3745

■ 94.1766, 0.3439,
0.3626

■ 25.6498, 0.3606,
0.3806

■ 121.2741, 0.3414,
0.3599

■ 16.5618, 0.3679,
0.3885

153.1266, 0.3393,
0.3576

■ 9.9226, 0.3777,
0.3991

190.1186, 0.3374,
0.3556

■ 5.3477, 0.3916,
0.4142

232.6344, 0.3358,
0.3539

■ 2.4527, 0.4125,
0.4371

281.0586, 0.3344,

■ 0.8528, 0.4847,

0.3523

0.5153

335.7754, 0.3332,
0.3510

0.0000, 0.0000,
0.0000

52.7094, 0.3505,
0.3697

52.7094, 0.3505,
0.3697

49.4631, 0.3692,
0.3881

56.1885, 0.3331,
0.3515

46.4354, 0.3888,
0.4061

59.9001, 0.3171,
0.3339

43.6209, 0.4089,
0.4227

63.8529, 0.3026,
0.3173

41.0114, 0.4285,
0.4369

68.0530, 0.2896,
0.3018

38.5976, 0.4469,
0.4476

72.1472, 0.2810,
0.2930

■ 36.3691, 0.4631,
0.4539

■ 75.4292, 0.2814,
0.2997

■ 34.3137, 0.4763,
0.4552

■ 78.8290, 0.2818,
0.3063

■ 32.9464, 0.4842,
0.4538

■ 82.3479, 0.2822,
0.3128

■ 85.9869, 0.2826,
0.3193

Harmonies

Analogous

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



52.7094, 0.3613, 0.3560



52.7094, 0.3505, 0.3697



52.7094, 0.3296, 0.3725

Triad

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



52.7094, 0.3505, 0.3697



52.7094, 0.2689, 0.3189



52.7094, 0.3193, 0.2986

Complementary

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



52.7094, 0.3505, 0.3697



41.1644, 0.2757, 0.2847

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.



52.7094, 0.2946, 0.2890



52.7094, 0.3505, 0.3697



52.7094, 0.2663, 0.2996

Square

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



52.7094, 0.3505, 0.3697



52.7094, 0.2827, 0.3423



52.7094, 0.2755, 0.2891



52.7094, 0.3430, 0.3156

Rectangle

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



52.7094, 0.3505, 0.3697



52.7094, 0.3131, 0.3672



52.7094, 0.2755, 0.2891



52.7094, 0.3108, 0.2945

Sweetspot

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



52.7118, 0.3505, 0.3697



95.5671, 0.3236, 0.3412



40.4134, 0.3456, 0.3114



20.3755, 0.3246, 0.3422



0.0000, 0.0000, 0.0000



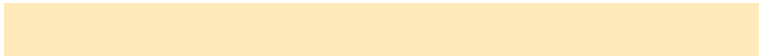
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.7118, 0.3505, 0.3697



83.9713, 0.3587, 0.3779



57.7919, 0.3393, 0.3871



12.5121, 0.3273, 0.3452



20.6911, 0.4830, 0.4547



1.1956, 0.4677, 0.4668

Inverse Universe

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



41.1644, 0.2757, 0.2847



62.1096, 0.2679, 0.2747



37.1226, 0.2820, 0.2667



11.3781, 0.2983, 0.3122



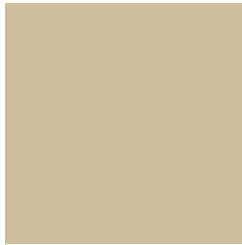
4.9599, 0.1612, 0.1004



0.3893, 0.1724, 0.1404

Previews

White Background



This preview shows how the Yxy color 52.7094, 0.3505, 0.3697 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 52.7094, 0.3505, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

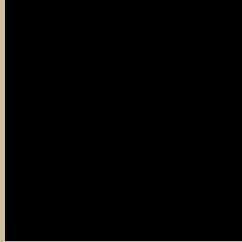
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7094, 0.3505, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 52.7094, 0.3505, 0.3697.



This preview shows how white text looks on a background with the Yxy color 52.7094, 0.3505, 0.3697.

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

52.7094, 0.3505, 0.3697

Protanopia

52.8644, 0.3485, 0.3711

Deuteranopia

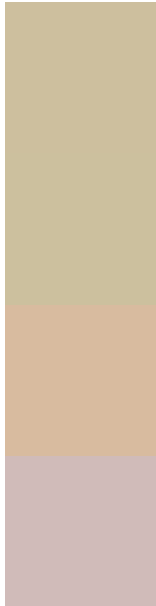
52.7307, 0.3665, 0.3597



Tritanopia

52.5697, 0.3219, 0.3113

Trichromacy



Original Color

52.7094, 0.3505, 0.3697

Protanomaly

53.0053, 0.3494, 0.3710

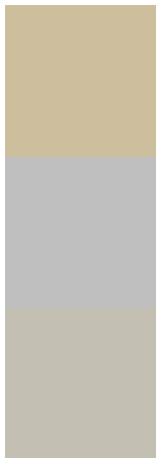
Deuteranomaly

52.6428, 0.3605, 0.3626

Tritanomaly

52.4533, 0.3320, 0.3315

Monochromacy



Original Color

52.7094, 0.3505, 0.3697

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2520, 0.3261, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7094, 0.3505, 0.3697 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(205, 191, 158)` looks like.

```
.text, #text, p{  
    color:rgb(205, 191, 158)  
}
```

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(205, 191, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 191, 158) }
```

Border

The CSS property to change the border of an element to Yxy 52.7094, 0.3505, 0.3697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

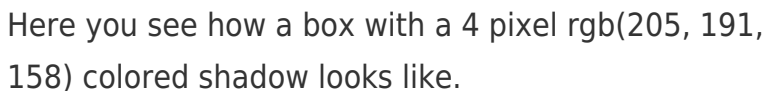
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 191, 158) }
```

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

```
.border{ border-color:rgb(205, 191, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 191, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 191, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 191, 158); box-shadow:4px 4px 4px 4px rgb(205, 191, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7094, 0.3505, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 191, 158) }
```

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

```
.background{ background-color: rgb(205,  
191, 158) }
```

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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