

Converting Colors

$Yxy(54.9738, 0.3566, 0.3848)$

Have a look what the booklet for
Yxy(54.9738, 0.3566, 0.3848)
contains.

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Color

Yxy(54.9473, 0.3572, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	CFC496
RGB	207, 196, 150
RGB Percent	81%, 77%, 59%
CMY	0.1884, 0.2313, 0.4118
CMYK	0.00, 0.05, 0.28, 0.19
HSL	48°, 37%, 70%
HSV	48°, 28%, 81%
XYZ	50.9664, 54.9473, 36.7695
YIQ	194.0450, 21.3220, -11.9740

Conversions

Conversions Part 2

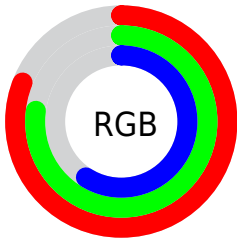
Format	Color
RYB	164, 207, 150
Decimal	13616278
CIELab	79.01, -3.32, 24.54
CIELCh	79, 24.761, 97.702
Yxy	54.9473, 0.3572, 0.3851
Android (android.graphics.Color)	4291806358 (0xFFCFC496)
YUV	194.0450, -21.7142, 11.3615
Hunter-Lab	74.1264, -6.9917, 22.4785

Details

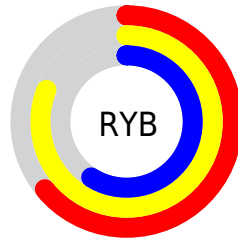
The Yxy color **54.9473, 0.3572, 0.3851** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4484, 0.2667, 0.2658**, and the grayscale version is **54.0958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8702, 0.3433, 0.3772**, and **26.9223, 0.3686, 0.3989** is the 20% darker color. If you saturate the color by 10%, you get **52.5727, 0.3747, 0.4057**, and if you desaturate by 10%, it is **57.4921, 0.3402, 0.3643**.

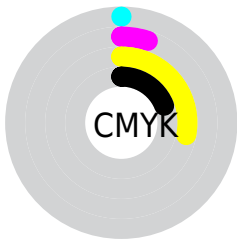
Distribution



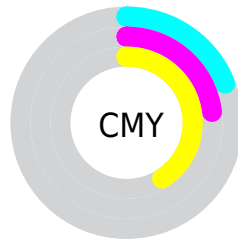
- Red (81%)
- Green (77%)
- Blue (59%)



- Red (64%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (19%)




- Cyan (19%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9473, 0.3572, 0.3851 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 54.9473, 0.3572, 0.3851 by changing the saturation by 10% instead.


 54.9473, 0.3572,
0.3851


 54.9473, 0.3572,
0.3851


405.7121, 0.3358,
0.3578

 39.3595, 0.3622,
0.3916

 97.4637, 0.3497,
0.3754

 27.0395, 0.3685,
0.3999


 125.1612, 0.3468,
0.3716

 17.6029, 0.3765,
0.4105


157.6640, 0.3443,
0.3685

 10.6653, 0.3869,
0.4247

195.3566, 0.3421,
0.3658

 5.8422, 0.4010,
0.4443

238.6233, 0.3403,
0.3634

 2.7494, 0.4237,
0.4765

287.8485, 0.3386,

 1.0023, 0.4639,

0.3613

343.4166, 0.3371,
0.3594

0.5361

0.0000, 0.0000,
0.0000

54.9473, 0.3572,
0.3851

54.9473, 0.3572,
0.3851

52.5727, 0.3747,
0.4057

57.4921, 0.3402,
0.3643

50.3542, 0.3923,
0.4252

60.2056, 0.3241,
0.3438

48.2871, 0.4091,
0.4426

63.0962, 0.3091,
0.3242

46.3638, 0.4246,
0.4569

66.1691, 0.2953,
0.3058

44.5751, 0.4380,
0.4673

69.4296, 0.2828,
0.2886

■ 42.9110, 0.4486,
0.4731

■ 71.5860, 0.2822,
0.2914

■ 41.3570, 0.4564,
0.4744

■ 73.6937, 0.2824,
0.2957

■ 40.9834, 0.4582,
0.4744

■ 75.8511, 0.2827,
0.3001

■ 78.0588, 0.2829,
0.3044

Harmonies

Analogous

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



54.9473, 0.3754, 0.3690



54.9473, 0.3572, 0.3851



54.9473, 0.3275, 0.3858

Triad

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



54.9473, 0.3572, 0.3851



54.9473, 0.2532, 0.3086



54.9473, 0.3285, 0.2936

Complementary

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



54.9473, 0.3572, 0.3851



36.4484, 0.2667, 0.2658

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.



54.9473, 0.2954, 0.2787



54.9473, 0.3572, 0.3851



54.9473, 0.2534, 0.2858

Square

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



54.9473, 0.3572, 0.3851



54.9473, 0.2680, 0.3394



54.9473, 0.2683, 0.2756



54.9473, 0.3586, 0.3169

Rectangle

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



54.9473, 0.3572, 0.3851



54.9473, 0.3055, 0.3762



54.9473, 0.2683, 0.2756



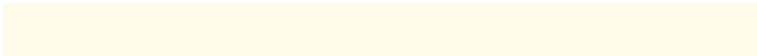
54.9473, 0.3173, 0.2875

Sweetspot

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



54.9498, 0.3572, 0.3851



96.2827, 0.3250, 0.3450



37.6552, 0.3602, 0.3147



20.4633, 0.3274, 0.3481



0.0000, 0.0000, 0.0000



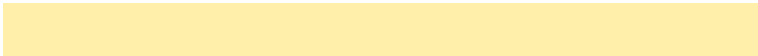
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9498, 0.3572, 0.3851



85.8408, 0.3675, 0.3973



57.7338, 0.3400, 0.4005



13.3959, 0.3271, 0.3477



25.9671, 0.4575, 0.4749



1.5534, 0.4493, 0.4815

Inverse Universe

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



36.4484, 0.2667, 0.2658



51.4010, 0.2556, 0.2498



34.5368, 0.2796, 0.2534



11.7796, 0.2982, 0.3096



3.8874, 0.1554, 0.0793



0.3287, 0.1645, 0.1122

Previews

White Background



This preview shows how the Yxy color 54.9473, 0.3572, 0.3851 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 54.9473, 0.3572, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

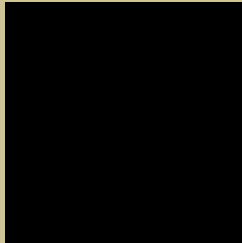
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9473, 0.3572, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 54.9473, 0.3572, 0.3851.

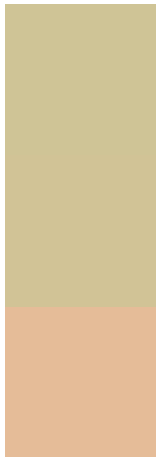


This preview shows how white text looks on a background with the Yxy color 54.9473, 0.3572, 0.3851.

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

54.9473, 0.3572, 0.3851

Protanopia

54.7875, 0.3593, 0.3836

Deuteranopia

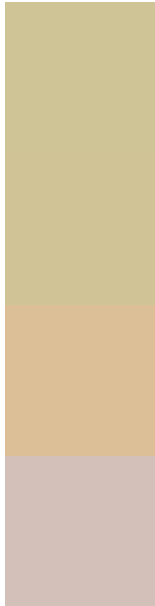
54.8915, 0.3776, 0.3704



Tritanopia

54.9010, 0.3209, 0.3116

Trichromacy



Original Color

54.9473, 0.3572, 0.3851

Protanomaly

54.6421, 0.3584, 0.3838

Deuteranomaly

54.8681, 0.3703, 0.3760

Tritanomaly

55.0088, 0.3346, 0.3386

Monochromacy



Original Color

54.9473, 0.3572, 0.3851

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3867, 0.3288, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9473, 0.3572, 0.3851 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(207, 196, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 150)  
}
```

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(207, 196, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 150) }
```

Border

The CSS property to change the border of an element to Yxy 54.9473, 0.3572, 0.3851 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(207, 196, 150) }
```

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

```
.border{ border-color:rgb(207, 196, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9473, 0.3572, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 150) }
```

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

```
.background{ background-color: rgb(207,  
196, 150) }
```

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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