

Converting Colors

Yxy(50.4314, 0.3532, 0.3698)

Have a look what the booklet for
Yxy(50.4314, 0.3532, 0.3698)
contains.

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Color

Yxy(50.5703, 0.3531, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	CBBB9A
RGB	203, 187, 154
RGB Percent	80%, 73%, 60%
CMY	0.2039, 0.2667, 0.3960
CMYK	0.00, 0.08, 0.24, 0.20
HSL	40°, 32%, 70%
HSV	40°, 24%, 80%
XYZ	48.2344, 50.5703, 37.7980
YIQ	188.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

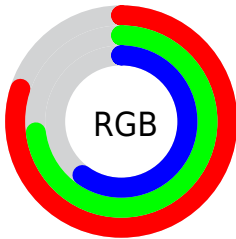
Format	Color
RYB	178, 203, 154
Decimal	13351834
CIELab	76.42, 0.47, 18.78
CIELCh	76, 18.786, 88.579
Yxy	50.5703, 0.3531, 0.3702
Android (android.graphics.Color)	4291541914 (0xFFCBBB9A)
YUV	188.0220, -16.7728, 13.1357
Hunter-Lab	71.1128, -3.3744, 18.2651

Details

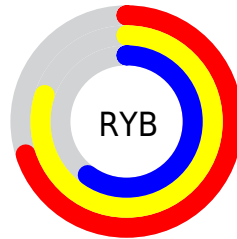
The Yxy color **50.5703, 0.3531, 0.3702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9429, 0.2737, 0.2841**, and the grayscale version is **50.3934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9153, 0.3426, 0.3638**, and **24.3254, 0.3633, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **47.2024, 0.3724, 0.3879**, and if you desaturate by 10%, it is **54.1872, 0.3353, 0.3527**.

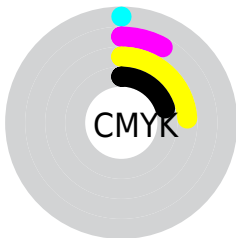
Distribution



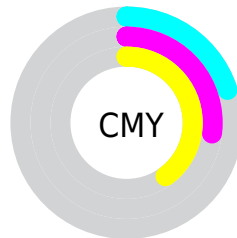
- Red (80%)
- Green (73%)
- Blue (60%)



- Red (70%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5703, 0.3531, 0.3702 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 50.5703, 0.3531, 0.3702 by changing the saturation by 10% instead.


 50.5703, 0.3531,
0.3702


 50.5703, 0.3531,
0.3702


388.8920, 0.3332,
0.3500

 35.8667, 0.3579,
0.3751


 91.0193, 0.3460,
0.3629

 24.3313, 0.3641,
0.3813


 117.5335, 0.3433,
0.3602

 15.5796, 0.3721,
0.3894


148.7534, 0.3410,
0.3579

 9.2271, 0.3829,
0.4004

185.0634, 0.3390,
0.3558

 4.8896, 0.3983,
0.4158

226.8479, 0.3373,
0.3541

 2.1827, 0.4238,
0.4415

274.4912, 0.3358,

 0.7105, 0.4915,

0.3525

0.5085

328.3778, 0.3344,
0.3512

0.0000, 0.0000,
0.0000

50.5703, 0.3531,
0.3702

50.5703, 0.3531,
0.3702

47.2024, 0.3724,
0.3879

54.1872, 0.3353,
0.3527

44.0692, 0.3927,
0.4051

58.0532, 0.3190,
0.3357

41.1649, 0.4135,
0.4209

62.1774, 0.3043,
0.3197

38.4808, 0.4342,
0.4342

66.5661, 0.2911,
0.3048

36.0073, 0.4535,
0.4439

71.1916, 0.2797,
0.2915

■ 33.7337, 0.4707,
0.4490

■ 74.7464, 0.2802,
0.2988

■ 31.6471, 0.4848,
0.4492

■ 78.4409, 0.2807,
0.3060

■ 30.4974, 0.4920,
0.4475

■ 82.2767, 0.2811,
0.3132

■ 86.2553, 0.2816,
0.3202

Harmonies

Analogous

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



50.5703, 0.3632, 0.3553



50.5703, 0.3531, 0.3702



50.5703, 0.3322, 0.3742

Triad

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



50.5703, 0.3531, 0.3702



50.5703, 0.2683, 0.3204



50.5703, 0.3173, 0.2966

Complementary

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



50.5703, 0.3531, 0.3702



39.9429, 0.2737, 0.2841

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.



50.5703, 0.2921, 0.2874



50.5703, 0.3531, 0.3702



50.5703, 0.2646, 0.3000

Square

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



50.5703, 0.3531, 0.3702



50.5703, 0.2834, 0.3446



50.5703, 0.2731, 0.2883



50.5703, 0.3421, 0.3135

Rectangle

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



50.5703, 0.3531, 0.3702



50.5703, 0.3152, 0.3695



50.5703, 0.2731, 0.2883



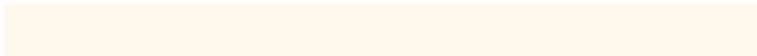
50.5703, 0.3086, 0.2925

Sweetspot

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



50.5726, 0.3531, 0.3702



95.2383, 0.3236, 0.3407



38.7304, 0.3462, 0.3084



20.2992, 0.3246, 0.3417



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.



50.5726, 0.3531, 0.3702



81.6592, 0.3631, 0.3795



56.6307, 0.3420, 0.3901



12.4548, 0.3274, 0.3446



19.5787, 0.4908, 0.4485



1.1447, 0.4735, 0.4623

Inverse Universe

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



39.9429, 0.2737, 0.2841



60.8141, 0.2645, 0.2726



35.1300, 0.2788, 0.2627



11.4327, 0.2983, 0.3130



5.3970, 0.1632, 0.1076



0.4167, 0.1744, 0.1479

Previews

White Background



This preview shows how the Yxy color 50.5703, 0.3531, 0.3702 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 50.5703, 0.3531, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

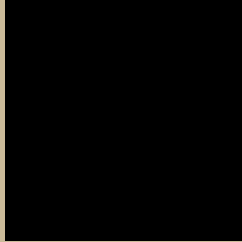
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

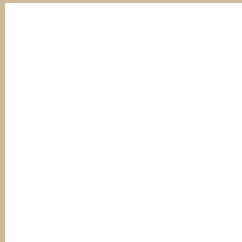
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5703, 0.3531, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 50.5703, 0.3531, 0.3702.



This preview shows how white text looks on a background with the Yxy color 50.5703, 0.3531, 0.3702.

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

50.5703, 0.3531, 0.3702

Protanopia

50.6124, 0.3493, 0.3705

Deuteranopia

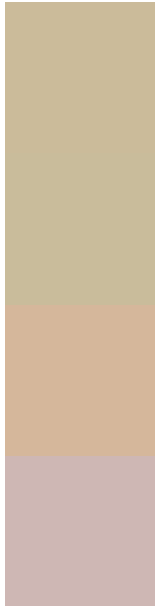
50.3197, 0.3676, 0.3602



Tritanopia

50.3978, 0.3246, 0.3123

Trichromacy



Original Color

50.5703, 0.3531, 0.3702

Protanomaly

50.7505, 0.3502, 0.3704

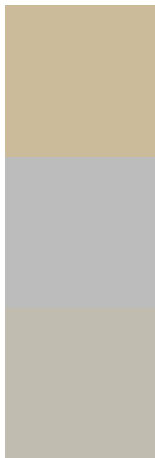
Deuteranomaly

50.3797, 0.3624, 0.3631

Tritanomaly

50.2841, 0.3350, 0.3327

Monochromacy



Original Color

50.5703, 0.3531, 0.3702

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4385, 0.3263, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5703, 0.3531, 0.3702 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(203, 187, 154)` looks like.

```
.text, #text, p{  
    color:rgb(203, 187, 154)  
}
```

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(203, 187, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 187, 154) }
```

Border

The CSS property to change the border of an element to Yxy 50.5703, 0.3531, 0.3702 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(203, 187, 154) }
```

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

```
.border{ border-color:rgb(203, 187, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 187, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 187, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 187, 154);  
box-shadow:4px 4px 4px 4px rgb(203, 187,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5703, 0.3531, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 187, 154) }
```

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

```
.background{ background-color: rgb(203,  
187, 154) }
```

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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