

Converting Colors

$Y_{xy}(50.5128, 0.3518, 0.3743)$

Have a look what the booklet for
Yxy(50.5128, 0.3518, 0.3743)
contains.

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Color

Yxy(50.5128, 0.3518, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	C8BC98
RGB	200, 188, 152
RGB Percent	78%, 74%, 60%
CMY	0.2156, 0.2628, 0.4038
CMYK	0.00, 0.06, 0.24, 0.22
HSL	45°, 30%, 69%
HSV	45°, 24%, 78%
XYZ	47.4764, 50.5128, 36.9635
YIQ	187.4840, 18.7080, -8.6520

Conversions

Conversions Part 2

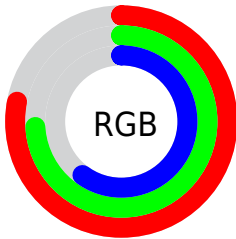
Format	Color
RYB	168, 200, 152
Decimal	13155480
CIELab	76.38, -1.48, 19.76
CIElCh	76, 19.817, 94.293
Yxy	50.5128, 0.3518, 0.3743
Android (android.graphics.Color)	4291345560 (0xFFC8BC98)
YUV	187.4840, -17.4936, 10.9765
Hunter-Lab	71.0724, -5.1386, 18.9149

Details

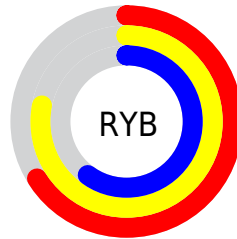
The Yxy color **50.5128, 0.3518, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4192, 0.2736, 0.2792**, and the grayscale version is **50.0783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4176, 0.3437, 0.3668**, and **24.3785, 0.3626, 0.3866** is the 20% darker color. If you saturate the color by 10%, you get **47.8092, 0.3699, 0.3937**, and if you desaturate by 10%, it is **53.4058, 0.3346, 0.3550**.

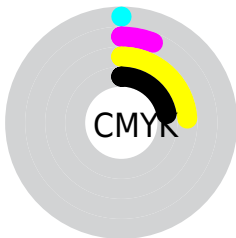
Distribution



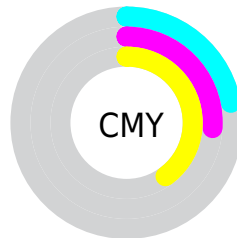
- Red (78%)
- Green (74%)
- Blue (60%)



- Red (66%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (22%)





- Cyan (22%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5128, 0.3518, 0.3743 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 50.5128, 0.3518, 0.3743 by changing the saturation by 10% instead.


 50.5128, 0.3518,
0.3743

 50.5128, 0.3518,
0.3743


388.6679, 0.3326,
0.3520

 35.8210, 0.3564,
0.3798


 90.9342, 0.3449,
0.3663

 24.2960, 0.3623,
0.3867

 117.4326, 0.3423,
0.3632

 15.5533, 0.3699,
0.3957


148.6354, 0.3401,
0.3606

 9.2086, 0.3802,
0.4080

184.9268, 0.3382,
0.3584

 4.8775, 0.3946,
0.4255

226.6914, 0.3365,
0.3565

 2.1756, 0.4197,
0.4560

274.3136, 0.3351,

 0.7066, 0.4735,

0.3548

0.5265

328.1776, 0.3338,
0.3533

0.0000, 0.0000,
0.0000

50.5128, 0.3518,
0.3743

50.5128, 0.3518,
0.3743

47.8092, 0.3699,
0.3937

53.4058, 0.3346,
0.3550

45.2821, 0.3887,
0.4125

56.4874, 0.3187,
0.3362

42.9267, 0.4074,
0.4297

59.7654, 0.3041,
0.3184

40.7359, 0.4253,
0.4444

63.2449, 0.2909,
0.3018

38.7013, 0.4417,
0.4554

66.9312, 0.2790,
0.2863

■ 36.8136, 0.4556,
0.4621

■ 69.6823, 0.2777,
0.2889

■ 35.0615, 0.4666,
0.4639

■ 72.3226, 0.2781,
0.2945

■ 34.0630, 0.4722,
0.4633

■ 75.0423, 0.2785,
0.3000

■ 77.8420, 0.2789,
0.3055

Harmonies

Analogous

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



50.5128, 0.3651, 0.3603



50.5128, 0.3518, 0.3743



50.5128, 0.3282, 0.3761

Triad

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



50.5128, 0.3518, 0.3743



50.5128, 0.2642, 0.3152



50.5128, 0.3228, 0.2977

Complementary

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



50.5128, 0.3518, 0.3743



37.4192, 0.2736, 0.2792

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.



50.5128, 0.2956, 0.2863



50.5128, 0.3518, 0.3743



50.5128, 0.2628, 0.2952

Square

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



50.5128, 0.3518, 0.3743



50.5128, 0.2779, 0.3407



50.5128, 0.2740, 0.2851



50.5128, 0.3481, 0.3167

Rectangle

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



50.5128, 0.3518, 0.3743



50.5128, 0.3101, 0.3692



50.5128, 0.2740, 0.2851



50.5128, 0.3135, 0.2929

Sweetspot

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



50.5151, 0.3518, 0.3743



96.0823, 0.3235, 0.3420



37.4575, 0.3491, 0.3126



20.4950, 0.3245, 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.



50.5151, 0.3518, 0.3743



84.8592, 0.3615, 0.3849



54.3839, 0.3392, 0.3902



11.9494, 0.3271, 0.3462



21.8012, 0.4713, 0.4640



1.1423, 0.4582, 0.4744

Inverse Universe

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



37.4192, 0.2736, 0.2792



58.1648, 0.2638, 0.2660



34.4462, 0.2818, 0.2637



10.7122, 0.2983, 0.3112



4.2303, 0.1584, 0.0904



0.3198, 0.1701, 0.1324

Previews

White Background



This preview shows how the Yxy color 50.5128, 0.3518, 0.3743 looks on a white background.

Color Contrast Check

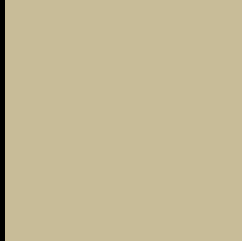
Large Text (above 18pt) WCAG AA × Fail

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 50.5128, 0.3518, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

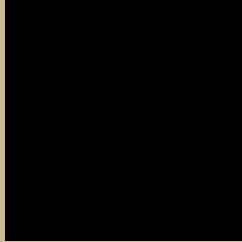
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

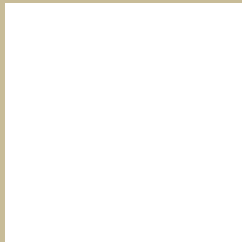
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5128, 0.3518, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 50.5128, 0.3518, 0.3743.



This preview shows how white text looks on a background with the Yxy color 50.5128, 0.3518, 0.3743.

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

50.5128, 0.3518, 0.3743

Protanopia

50.5128, 0.3518, 0.3743

Deuteranopia

50.4077, 0.3703, 0.3625



Tritanopia

50.5632, 0.3220, 0.3122

Trichromacy



Original Color

50.5128, 0.3518, 0.3743

Protanomaly

50.5128, 0.3518, 0.3743

Deuteranomaly

50.5779, 0.3629, 0.3668

Tritanomaly

50.4136, 0.3331, 0.3340

Monochromacy



Original Color

50.5128, 0.3518, 0.3743

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8031, 0.3271, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5128, 0.3518, 0.3743 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(200, 188, 152)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 152)  
}
```

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(200, 188, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 152) }
```

Border

The CSS property to change the border of an element to Yxy 50.5128, 0.3518, 0.3743 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(200, 188, 152) }
```

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

```
.border{ border-color:rgb(200, 188, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 152);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5128, 0.3518, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 152) }
```

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

```
.background{ background-color: rgb(200,  
188, 152) }
```

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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