

Converting Colors

$Yxy(44.6046, 0.3501, 0.3538)$

Have a look what the booklet for
Yxy(44.6046, 0.3501, 0.3538)
contains.

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Color

Yxy(44.5090, 0.3502, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	C5AE9B
RGB	197, 174, 155
RGB Percent	77%, 68%, 61%
CMY	0.2274, 0.3176, 0.3921
CMYK	0.00, 0.12, 0.21, 0.23
HSL	27°, 27%, 69%
HSV	27°, 21%, 77%
XYZ	44.0810, 44.5090, 37.2838
YIQ	178.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

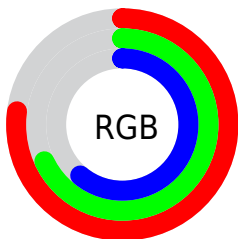
Format	Color
R_{YB}	197, 190, 155
Decimal	12955291
CIE _{Lab}	72.57, 5.27, 12.78
CIE _{LCh}	73, 13.825, 67.589
Yxy	44.5090, 0.3502, 0.3536
Android (android.graphics.Color)	4291145371 (0xFFC5AE9B)
YUV	178.7110, -11.6895, 16.0395
Hunter-Lab	66.7151, 1.1900, 13.5662

Details

The Yxy color **44.5090, 0.3502, 0.3536** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8516, 0.2795, 0.3031**, and the grayscale version is **44.9749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7129, 0.3436, 0.3492**, and **20.7582, 0.3612, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **39.8976, 0.3719, 0.3658**, and if you desaturate by 10%, it is **49.5676, 0.3312, 0.3417**.

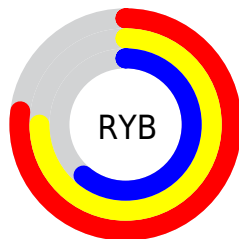
Distribution



Red (77%)

Green (68%)

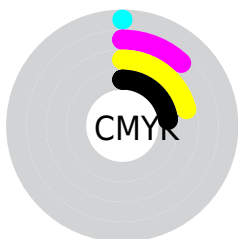
Blue (61%)



Red (77%)

Yellow (75%)

Blue (61%)

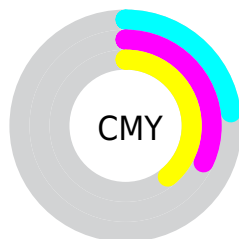


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (23%)



Cyan (23%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5090, 0.3502, 0.3536 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 44.5090, 0.3502, 0.3536 by changing the saturation by 10% instead.


 44.5090, 0.3502,
0.3536


 44.5090, 0.3502,
0.3536


364.7813, 0.3312,
0.3414

 31.0709, 0.3550,
0.3566


 81.9831, 0.3433,
0.3492

 20.6528, 0.3612,
0.3604


 106.7879, 0.3407,
0.3475

 12.8705, 0.3695,
0.3654


136.1503, 0.3385,
0.3461

 7.3394, 0.3812,
0.3722

170.4548, 0.3366,
0.3449

 3.6753, 0.3987,
0.3820

210.0858, 0.3350,
0.3439

 1.4936, 0.4322,
0.4010

255.4276, 0.3336,

 0.2842, 0.5839,

0.3430

0.4161

306.8646, 0.3323,
0.3421

0.0000, 0.0000,
0.0000

44.5090, 0.3502,
0.3536

44.5090, 0.3502,
0.3536

39.8976, 0.3719,
0.3658

49.5676, 0.3312,
0.3417

35.7142, 0.3964,
0.3780

55.0799, 0.3147,
0.3304

31.9472, 0.4234,
0.3892

61.0597, 0.3004,
0.3199

28.5819, 0.4524,
0.3986

67.5184, 0.2881,
0.3102

25.6025, 0.4820,
0.4050

74.4672, 0.2775,
0.3013

■ 22.9919, 0.5107,
0.4070

■ 80.6868, 0.2776,
0.3116

■ 20.7309, 0.5363,
0.4037

■ 87.1887, 0.2785,
0.3232

■ 19.0280, 0.5554,
0.3972

■ 90.6116, 0.2789,
0.3289

Harmonies

Analogous

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



44.5090, 0.3504, 0.3387



44.5090, 0.3502, 0.3536



44.5090, 0.3397, 0.3626

Triad

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



44.5090, 0.3502, 0.3536



44.5090, 0.2858, 0.3356



44.5090, 0.3025, 0.2980

Complementary

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



44.5090, 0.3502, 0.3536



42.8516, 0.2795, 0.3031

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.



44.5090, 0.2858, 0.2964



44.5090, 0.3502, 0.3536



44.5090, 0.2765, 0.3174

Square

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



44.5090, 0.3502, 0.3536



44.5090, 0.3024, 0.3523



44.5090, 0.2765, 0.3033



44.5090, 0.3224, 0.3072

Rectangle

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



44.5090, 0.3502, 0.3536



44.5090, 0.3284, 0.3636



44.5090, 0.2765, 0.3033



44.5090, 0.2963, 0.2966

Sweetspot

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



44.5110, 0.3502, 0.3536



93.8211, 0.3223, 0.3357



38.5379, 0.3326, 0.2994



19.9416, 0.3234, 0.3365



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.



44.5110, 0.3502, 0.3536



75.4146, 0.3609, 0.3598



53.2284, 0.3450, 0.3791



11.4135, 0.3278, 0.3395



12.6765, 0.5532, 0.3989



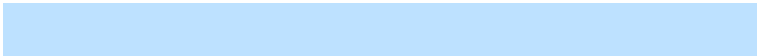
0.7444, 0.5183, 0.4266

Inverse Universe

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



42.8516, 0.2795, 0.3031



71.8645, 0.2714, 0.2960



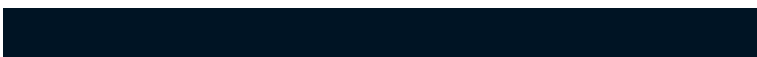
35.1542, 0.2775, 0.2734



11.2345, 0.2983, 0.3183



9.8657, 0.1821, 0.1755



0.6105, 0.1918, 0.2105

Previews

White Background



This preview shows how the Yxy color 44.5090, 0.3502, 0.3536 looks on a white background.

Color Contrast Check

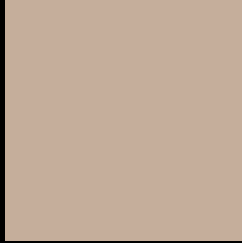
Large Text (above 18pt) WCAG AA × Fail

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 44.5090, 0.3502, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

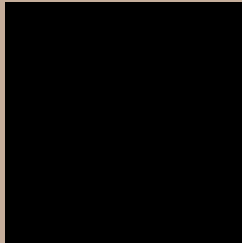
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5090, 0.3502, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 44.5090, 0.3502, 0.3536.



This preview shows how white text looks on a background with the Yxy color 44.5090, 0.3502, 0.3536.

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

44.5090, 0.3502, 0.3536

Protanopia

44.7142, 0.3373, 0.3569

Deuteranopia

44.5681, 0.3564, 0.3507



Tritanopia

44.4477, 0.3289, 0.3128

Trichromacy



Original Color

44.5090, 0.3502, 0.3536

Protanomaly

44.7917, 0.3421, 0.3567

Deuteranomaly

44.6712, 0.3542, 0.3521

Tritanomaly

44.2851, 0.3367, 0.3265

Monochromacy



Original Color

44.5090, 0.3502, 0.3536

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7857, 0.3265, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5090, 0.3502, 0.3536 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(197, 174, 155)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 155)  
}
```

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(197, 174, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 155) }
```

Border

The CSS property to change the border of an element to Yxy 44.5090, 0.3502, 0.3536 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(197, 174, 155) }
```

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

```
.border{ border-color:rgb(197, 174, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 174, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 155);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5090, 0.3502, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 155) }
```

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

```
.background{ background-color: rgb(197,  
174, 155) }
```

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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