

Converting Colors

$Yxy(44.5479, 0.3550, 0.4004)$

Have a look what the booklet for
Yxy(44.5479, 0.3550, 0.4004)
contains.

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Color

Yxy(44.4565, 0.3554, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	B5B581
RGB	181, 181, 129
RGB Percent	71%, 71%, 51%
CMY	0.2902, 0.2902, 0.4942
CMYK	0.00, 0.00, 0.29, 0.29
HSL	60°, 26%, 61%
HSV	60°, 29%, 71%
XYZ	39.5391, 44.4565, 27.2569
YIQ	175.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

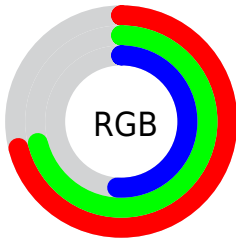
Format	Color
R_{YB}	129, 181, 129
Decimal	11908481
CIE _{Lab}	72.53, -8.36, 26.59
CIE _{LCh}	73, 27.876, 107.443
Yxy	44.4565, 0.3554, 0.3996
Android (android.graphics.Color)	4290098561 (0xFFB5B581)
YUV	175.0720, -22.7135, 5.1989
Hunter-Lab	66.6757, -10.8308, 22.4354

Details

The Yxy color **44.4565, 0.3554, 0.3996** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.6975, 0.2632, 0.2471**, and the grayscale version is **43.0215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9503, 0.3478, 0.3869**, and **20.5149, 0.3664, 0.4203** is the 20% darker color. If you saturate the color by 10%, you get **44.0183, 0.3699, 0.4235**, and if you desaturate by 10%, it is **44.9840, 0.3404, 0.3749**.

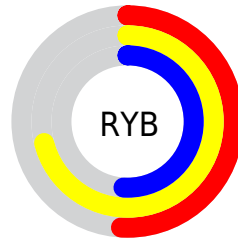
Distribution



Red (71%)

Green (71%)

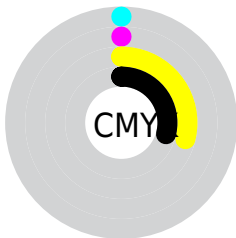
Blue (51%)



Red (51%)

Yellow (71%)

Blue (51%)

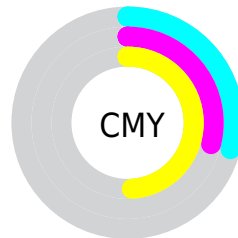


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4565, 0.3554, 0.3996 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 44.4565, 0.3554, 0.3996 by changing the saturation by 10% instead.

■ 44.4565, 0.3554,
0.3996

■ 44.4565, 0.3554,
0.3996

■ 364.5679, 0.3345,
0.3636

■ 31.0296, 0.3604,
0.4087

■ 81.9042, 0.3479,
0.3864

■ 20.6214, 0.3666,
0.4204

■ 106.6938, 0.3451,
0.3815

■ 12.8475, 0.3745,
0.4359

■ 136.0397, 0.3427,
0.3773

■ 7.3236, 0.3846,
0.4573

■ 170.3263, 0.3406,
0.3738

■ 3.6653, 0.3975,
0.4883

■ 209.9380, 0.3388,
0.3707

■ 1.4882, 0.4349,
0.5651

■ 255.2593, 0.3372,

■ 0.2804, 0.1823,

0.3681

0.8177

306.6744, 0.3357,
0.3657

0.0000, 0.0000,
0.0000

44.4565, 0.3554,
0.3996

44.4565, 0.3554,
0.3996

44.0183, 0.3699,
0.4235

44.9840, 0.3404,
0.3749

43.6588, 0.3833,
0.4457

45.5989, 0.3255,
0.3501

43.3752, 0.3950,
0.4652

46.3072, 0.3109,
0.3260

43.1619, 0.4047,
0.4812

47.1125, 0.2971,
0.3031

43.0129, 0.4119,
0.4931

48.0182, 0.2841,
0.2816

■ 42.9209, 0.4165,
0.5008

■ 49.0277, 0.2720,
0.2617

■ 42.8732, 0.4190,
0.5049

■ 50.1001, 0.2614,
0.2442

■ 42.8681, 0.4193,
0.5053

■ 50.1009, 0.2614,
0.2442

■ 50.1018, 0.2614,
0.2442

Harmonies

Analogous

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



44.4565, 0.3832, 0.3845



44.4565, 0.3554, 0.3996



44.4565, 0.3172, 0.3940

Triad

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



44.4565, 0.3554, 0.3996



44.4565, 0.2397, 0.2936



44.4565, 0.3445, 0.2948

Complementary

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



44.4565, 0.3554, 0.3996



23.6975, 0.2632, 0.2471

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.



44.4565, 0.3042, 0.2735



44.4565, 0.3554, 0.3996



44.4565, 0.2457, 0.2712

Square

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



44.4565, 0.3554, 0.3996



44.4565, 0.2515, 0.3286



44.4565, 0.2685, 0.2648



44.4565, 0.3773, 0.3244

Rectangle

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



44.4565, 0.3554, 0.3996



44.4565, 0.2913, 0.3779



44.4565, 0.2685, 0.2648



44.4565, 0.3312, 0.2865

Sweetspot

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



44.4585, 0.3554, 0.3996



81.6094, 0.3261, 0.3511



27.1034, 0.3749, 0.3292



17.6025, 0.3282, 0.3546



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



44.4585, 0.3554, 0.3996



79.1378, 0.3639, 0.4137



41.6039, 0.3314, 0.4055



9.9065, 0.3263, 0.3515



29.5490, 0.4193, 0.5053



0.9298, 0.4193, 0.5053

Inverse Universe

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



23.6975, 0.2632, 0.2471



36.3186, 0.2514, 0.2275



25.9986, 0.2887, 0.2527



8.2303, 0.2985, 0.3055



2.3003, 0.1500, 0.0600



0.0724, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 44.4565, 0.3554, 0.3996 looks on a white background.

Color Contrast Check

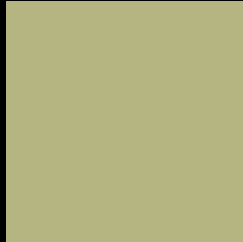
Large Text (above 18pt) WCAG AA × Fail

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 44.4565, 0.3554, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

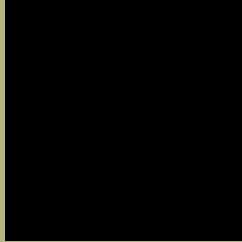
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4565, 0.3554, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 44.4565, 0.3554, 0.3996.



This preview shows how white text looks on a background with the Yxy color 44.4565, 0.3554, 0.3996.

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

44.4565, 0.3554, 0.3996

Protanopia

44.4757, 0.3668, 0.3950

Deuteranopia

44.0898, 0.3859, 0.3776



Tritanopia

44.1664, 0.3144, 0.3110

Trichromacy



Original Color

44.4565, 0.3554, 0.3996

Protanomaly

44.3635, 0.3626, 0.3971

Deuteranomaly

44.0259, 0.3744, 0.3858

Tritanomaly

44.1181, 0.3291, 0.3423

Monochromacy



Original Color

44.4565, 0.3554, 0.3996

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.2600, 0.3284, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4565, 0.3554, 0.3996 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(181, 181, 129)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 129)  
}
```

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(181, 181, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 129) }
```

Border

The CSS property to change the border of an element to Yxy 44.4565, 0.3554, 0.3996 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(181, 181, 129) }
```

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

```
.border{ border-color:rgb(181, 181, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 181, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 129);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4565, 0.3554, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 129) }
```

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

```
.background{ background-color: rgb(181,  
181, 129) }
```

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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