

Converting Colors

$Yxy(28.9883, 0.3984, 0.3573)$

Have a look what the booklet for
Yxy(28.9883, 0.3984, 0.3573)
contains.

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Color

Yxy(28.9565, 0.3985, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	BC8672
RGB	188, 134, 114
RGB Percent	74%, 53%, 45%
CMY	0.2627, 0.4745, 0.5530
CMYK	0.00, 0.29, 0.39, 0.26
HSL	16°, 36%, 59%
HSV	16°, 39%, 74%
XYZ	32.3045, 28.9565, 19.8042
YIQ	147.8660, 38.6040, 5.2280

Conversions

Conversions Part 2

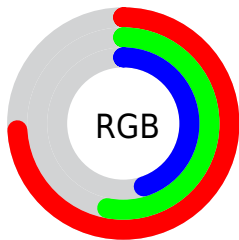
Format	Color
R _Y B	188, 141, 114
Decimal	12355186
CIE Lab	60.74, 18.15, 19.00
CIE LCh	61, 26.272, 46.316
Yxy	28.9565, 0.3985, 0.3572
Android (android.graphics.Color)	4290545266 (0xFFBC8672)
YUV	147.8660, -16.6959, 35.1975
Hunter-Lab	53.8112, 12.9892, 15.8473

Details

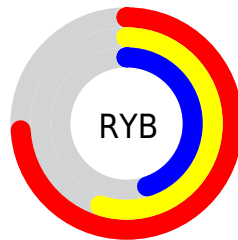
The Yxy color **28.9565, 0.3985, 0.3572** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2199, 0.2543, 0.2984**, and the grayscale version is **29.6153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8867, 0.3809, 0.3519**, and **11.7205, 0.4289, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **25.0228, 0.4302, 0.3641**, and if you desaturate by 10%, it is **33.4731, 0.3711, 0.3498**.

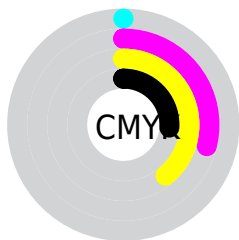
Distribution



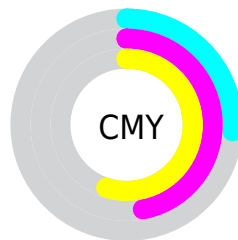
- Red (74%)
- Green (53%)
- Blue (45%)



- Red (74%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (39%)
- Black (26%)





- Cyan (26%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9565, 0.3985, 0.3572 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 28.9565, 0.3985, 0.3572 by changing the saturation by 10% instead.


 28.9565, 0.3985,
0.3572


 28.9565, 0.3985,
0.3572


297.0097, 0.3518,
0.3435

 19.0479, 0.4114,
0.3603


 58.0080, 0.3806,
0.3524

 11.7049, 0.4287,
0.3639


 77.9196, 0.3742,
0.3506

 6.5431, 0.4531,
0.3680


 101.9345, 0.3689,
0.3489

 3.1780, 0.4893,
0.3718

 130.4368, 0.3644,
0.3476

 1.2254, 0.5957,
0.4043

163.8111, 0.3605,
0.3464

 0.0823, 0.8637,
0.1363

202.4418, 0.3572,

 0.0000, 0.0000,

0.3453

0.0000

246.7132, 0.3544,
0.3443

■ 28.9565, 0.3985,
0.3572

■ 28.9565, 0.3985,
0.3572

■ 25.0228, 0.4302,
0.3641

■ 33.4731, 0.3711,
0.3498

■ 21.6437, 0.4657,
0.3696

■ 38.5913, 0.3478,
0.3424

■ 18.7945, 0.5036,
0.3727

■ 44.3338, 0.3282,
0.3353

■ 16.4469, 0.5413,
0.3723

■ 50.7212, 0.3118,
0.3286


■ 14.5698, 0.5750,
0.3677


■ 57.7728, 0.2980,
0.3224

 13.1229, 0.6018,
0.3596

 65.5074, 0.2864,
0.3168

 13.0444, 0.6034,
0.3591

 73.9428, 0.2766,
0.3117

 82.4752, 0.2730,
0.3168

 89.4337, 0.2742,
0.3289

Harmonies

Analogous

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



28.9565, 0.3820, 0.3224



28.9565, 0.3985, 0.3572



28.9565, 0.3899, 0.3880

Triad

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



28.9565, 0.3985, 0.3572



28.9565, 0.2777, 0.3718



28.9565, 0.2636, 0.2595

Complementary

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



28.9565, 0.3985, 0.3572



35.2199, 0.2543, 0.2984

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.



28.9565, 0.2397, 0.2669



28.9565, 0.3985, 0.3572



28.9565, 0.2472, 0.3300

Square

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



28.9565, 0.3985, 0.3572



28.9565, 0.3190, 0.4007



28.9565, 0.2339, 0.2915



28.9565, 0.3017, 0.2685

Rectangle

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



28.9565, 0.3985, 0.3572



28.9565, 0.3720, 0.4018



28.9565, 0.2339, 0.2915



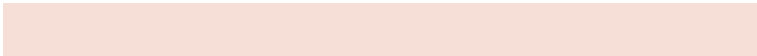
28.9565, 0.2538, 0.2601

Sweetspot

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



28.9579, 0.3985, 0.3572



77.2736, 0.3334, 0.3372



25.5647, 0.3394, 0.2563



16.3213, 0.3359, 0.3382



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



28.9579, 0.3985, 0.3572



46.4131, 0.4248, 0.3630



40.9385, 0.3790, 0.4052



9.9446, 0.3282, 0.3353



8.9868, 0.6012, 0.3608



0.4646, 0.5526, 0.3994

Inverse Universe

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



35.2199, 0.2543, 0.2984



59.2525, 0.2432, 0.2906



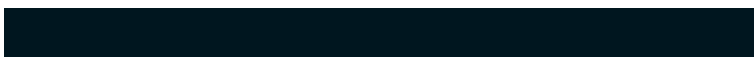
23.5131, 0.2453, 0.2386



10.3615, 0.2985, 0.3227



14.8201, 0.2000, 0.2399



0.6834, 0.2066, 0.2637

Previews

White Background



This preview shows how the Yxy color 28.9565, 0.3985, 0.3572 looks on a white background.

Color Contrast Check

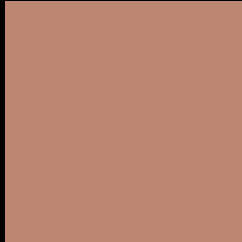
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9565, 0.3985, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

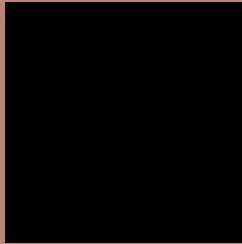
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9565, 0.3985, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 28.9565, 0.3985, 0.3572.



This preview shows how white text looks on a background with the Yxy color 28.9565, 0.3985, 0.3572.

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

28.9565, 0.3985, 0.3572

Protanopia

29.1921, 0.3483, 0.3719

Deuteranopia

29.0127, 0.3775, 0.3710



Tritanopia

28.8059, 0.3717, 0.3154

Trichromacy



Original Color

28.9565, 0.3985, 0.3572

Protanomaly

28.8695, 0.3658, 0.3657

Deuteranomaly

28.8342, 0.3859, 0.3657

Tritanomaly

28.6901, 0.3809, 0.3292

Monochromacy



Original Color

28.9565, 0.3985, 0.3572

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2090, 0.3417, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9565, 0.3985, 0.3572 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(188, 134, 114)` looks like.

```
.text, #text, p{  
    color:rgb(188, 134, 114)  
}
```

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(188, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 134, 114) }
```

Border

The CSS property to change the border of an element to Yxy 28.9565, 0.3985, 0.3572 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(188, 134, 114) }
```

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

```
.border{ border-color:rgb(188, 134, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 134, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(188, 134,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9565, 0.3985, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 134, 114) }
```

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

```
.background{ background-color: rgb(188,  
134, 114) }
```

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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