

Converting Colors

$Yxy(30.6923, 0.3931, 0.3603)$

Have a look what the booklet for
Yxy(30.6923, 0.3931, 0.3603)
contains.

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Color

Yxy(30.5684, 0.3934, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	BD8B75
RGB	189, 139, 117
RGB Percent	74%, 55%, 46%
CMY	0.2590, 0.4548, 0.5412
CMYK	0.00, 0.26, 0.38, 0.26
HSL	18°, 35%, 60%
HSV	18°, 38%, 74%
XYZ	33.4230, 30.5684, 20.9680
YIQ	151.4420, 36.8620, 3.7580

Conversions

Conversions Part 2

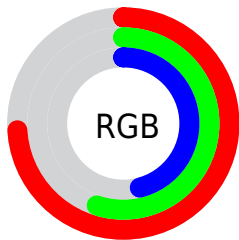
Format	Color
RYB	189, 149, 117
Decimal	12422005
CIELab	62.14, 16.10, 19.23
CIElCh	62, 25.081, 50.066
Yxy	30.5684, 0.3934, 0.3598
Android (android.graphics.Color)	4290612085 (0xFFBD8B75)
YUV	151.4420, -16.9799, 32.9384
Hunter-Lab	55.2887, 11.1513, 16.2166

Details

The Yxy color **30.5684, 0.3934, 0.3598** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0709, 0.2555, 0.2955**, and the grayscale version is **31.2093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7787, 0.3772, 0.3550**, and **12.6428, 0.4205, 0.3672** is the 20% darker color. If you saturate the color by 10%, you get **26.5959, 0.4235, 0.3677**, and if you desaturate by 10%, it is **35.0892, 0.3672, 0.3514**.

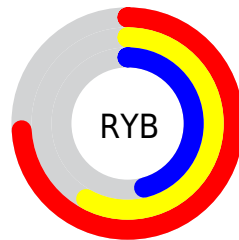
Distribution



Red (74%)

Green (55%)

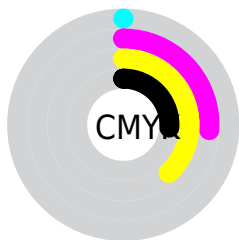
Blue (46%)



Red (74%)

Yellow (58%)

Blue (46%)

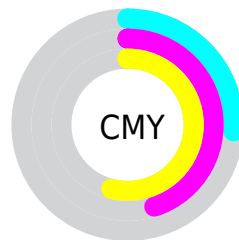


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5684, 0.3934, 0.3598 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 30.5684, 0.3934, 0.3598 by changing the saturation by 10% instead.


 30.5684, 0.3934,
0.3598


 30.5684, 0.3934,
0.3598


304.5450, 0.3499,
0.3447


 20.2704, 0.4053,
0.3633


 60.5599, 0.3768,
0.3544

 12.5918, 0.4211,
0.3676


 81.0222, 0.3708,
0.3524

 7.1480, 0.4433,
0.3727


 105.6415, 0.3659,
0.3506

 3.5549, 0.4758,
0.3783

134.8020, 0.3617,
0.3491

 1.4278, 0.5605,
0.4057

168.8882, 0.3581,
0.3478

 0.2371, 0.7229,
0.2771

208.2845, 0.3550,

 0.0000, 0.0000,

0.3466

0.0000

253.3753, 0.3523,
0.3456

■ 30.5684, 0.3934,
0.3598

■ 30.5684, 0.3934,
0.3598

■ 26.5959, 0.4235,
0.3677

■ 35.0892, 0.3672,
0.3514

■ 23.1458, 0.4573,
0.3743

■ 40.1740, 0.3448,
0.3431

■ 20.1966, 0.4935,
0.3785


■ 45.8436, 0.3259,
0.3351


■ 17.7233, 0.5298,
0.3792


■ 52.1161, 0.3099,
0.3276

■ 15.6987, 0.5630,
0.3754

■ 59.0089, 0.2964,
0.3207

 14.0892, 0.5901,
0.3674

 66.5388, 0.2849,
0.3144

 13.8225, 0.5950,
0.3658

 74.7217, 0.2752,
0.3086

 82.6956, 0.2735,
0.3170

 89.5542, 0.2747,
0.3289

Harmonies

Analogous

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



30.5684, 0.3808, 0.3271



30.5684, 0.3934, 0.3598



30.5684, 0.3827, 0.3875

Triad

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



30.5684, 0.3934, 0.3598



30.5684, 0.2757, 0.3645



30.5684, 0.2704, 0.2638

Complementary

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



30.5684, 0.3934, 0.3598



35.0709, 0.2555, 0.2955

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.



30.5684, 0.2459, 0.2689



30.5684, 0.3934, 0.3598



30.5684, 0.2486, 0.3251

Square

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



30.5684, 0.3934, 0.3598



30.5684, 0.3137, 0.3937



30.5684, 0.2382, 0.2902



30.5684, 0.3076, 0.2739

Rectangle

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



30.5684, 0.3934, 0.3598



30.5684, 0.3645, 0.3989



30.5684, 0.2382, 0.2902



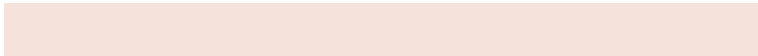
30.5684, 0.2606, 0.2637

Sweetspot

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



30.5699, 0.3934, 0.3598



78.8854, 0.3314, 0.3375



26.3407, 0.3411, 0.2616



16.6646, 0.3339, 0.3386



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.



30.5699, 0.3934, 0.3598



48.5571, 0.4193, 0.3667



42.5917, 0.3756, 0.4056



9.9998, 0.3281, 0.3361



9.4243, 0.5926, 0.3676



0.4884, 0.5443, 0.4060

Inverse Universe

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



35.0709, 0.2555, 0.2955



57.7636, 0.2436, 0.2864



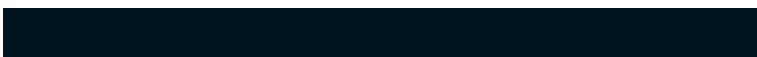
23.7928, 0.2471, 0.2382



10.3033, 0.2985, 0.3218



13.5639, 0.1965, 0.2273



0.6419, 0.2040, 0.2545

Previews

White Background



This preview shows how the Yxy color 30.5684, 0.3934, 0.3598 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 30.5684, 0.3934, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

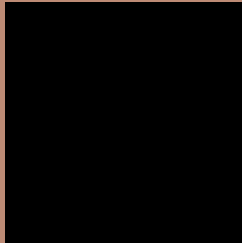
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5684, 0.3934, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 30.5684, 0.3934, 0.3598.



This preview shows how white text looks on a background with the Yxy color 30.5684, 0.3934, 0.3598.

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

30.5684, 0.3934, 0.3598

Protanopia

30.5888, 0.3497, 0.3725

Deuteranopia

30.5546, 0.3785, 0.3700



Tritanopia

30.5787, 0.3665, 0.3155

Trichromacy



Original Color

30.5684, 0.3934, 0.3598

Protanomaly

30.4599, 0.3655, 0.3680

Deuteranomaly

30.4307, 0.3840, 0.3665

Tritanomaly

30.4340, 0.3765, 0.3306

Monochromacy



Original Color

30.5684, 0.3934, 0.3598

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.7308, 0.3398, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5684, 0.3934, 0.3598 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(189, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 139, 117)  
}
```

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(189, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 139, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.5684, 0.3934, 0.3598 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(189, 139, 117) }
```

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

```
.border{ border-color:rgb(189, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 139,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5684, 0.3934, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 139, 117) }
```

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

```
.background{ background-color: rgb(189,  
139, 117) }
```

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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