

Converting Colors

$Y_{xy}(30.0721, 0.3894, 0.3558)$

Have a look what the booklet for
Yxy(30.0721, 0.3894, 0.3558)
contains.

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Color

Yxy(30.0737, 0.3894, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	BB8A77
RGB	187, 138, 119
RGB Percent	73%, 54%, 47%
CMY	0.2668, 0.4587, 0.5333
CMYK	0.00, 0.26, 0.36, 0.27
HSL	17°, 33%, 60%
HSV	17°, 36%, 73%
XYZ	32.9045, 30.0737, 21.5223
YIQ	150.4850, 35.3030, 4.4790

Conversions

Conversions Part 2

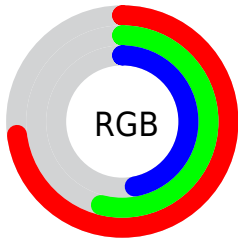
Format	Color
RYB	187, 145, 119
Decimal	12290679
CIELab	61.72, 16.09, 17.49
CIElCh	62, 23.768, 47.388
Yxy	30.0737, 0.3894, 0.3559
Android (android.graphics.Color)	4290480759 (0xFFBB8A77)
YUV	150.4850, -15.5221, 32.0237
Hunter-Lab	54.8395, 11.1334, 15.1187

Details

The Yxy color **30.0737, 0.3894, 0.3559** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4895, 0.2584, 0.3000**, and the grayscale version is **30.7722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8726, 0.3733, 0.3519**, and **12.3399, 0.4150, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **26.0419, 0.4195, 0.3632**, and if you desaturate by 10%, it is **34.6756, 0.3635, 0.3482**.

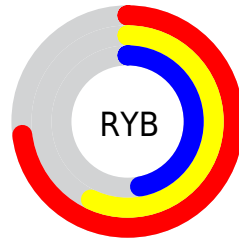
Distribution



Red (73%)

Green (54%)

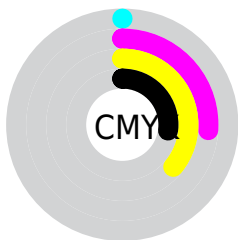
Blue (47%)



Red (73%)

Yellow (57%)

Blue (47%)

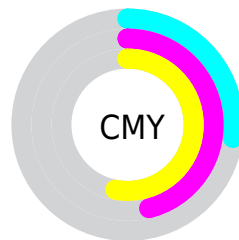


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0737, 0.3894, 0.3559 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 30.0737, 0.3894, 0.3559 by changing the saturation by 10% instead.


 30.0737, 0.3894,
0.3559


 30.0737, 0.3894,
0.3559


302.2478, 0.3479,
0.3427


 19.8945, 0.4008,
0.3590


 59.7787, 0.3736,
0.3512

 12.3184, 0.4161,
0.3627


 80.0733, 0.3678,
0.3494

 6.9609, 0.4376,
0.3672


 104.5086, 0.3631,
0.3479

 3.4377, 0.4695,
0.3722

133.4688, 0.3591,
0.3465

 1.3643, 0.5494,
0.3957

167.3385, 0.3557,
0.3454

 0.1902, 0.7510,
0.2490

206.5020, 0.3528,

 0.0000, 0.0000,

0.3444

0.0000

251.3436, 0.3502,
0.3435

■ 30.0737, 0.3894,
0.3559

■ 30.0737, 0.3894,
0.3559

■ 26.0419, 0.4195,
0.3632

■ 34.6756, 0.3635,
0.3482

■ 22.5532, 0.4536,
0.3695

■ 39.8647, 0.3414,
0.3406

■ 19.5849, 0.4906,
0.3737


■ 45.6626, 0.3229,
0.3334

■ 17.1108, 0.5282,
0.3746


■ 52.0884, 0.3073,
0.3266


■ 15.1020, 0.5632,
0.3714

■ 59.1605, 0.2943,
0.3204


 13.5256, 0.5918,
0.3639

 66.8966, 0.2832,
0.3147

 13.0459, 0.6011,
0.3609

 75.3135, 0.2739,
0.3095

 83.5226, 0.2726,
0.3189

 89.2998, 0.2736,
0.3289

Harmonies

Analogous

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



30.0737, 0.3754, 0.3245



30.0737, 0.3894, 0.3559



30.0737, 0.3812, 0.3830

Triad

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



30.0737, 0.3894, 0.3559



30.0737, 0.2804, 0.3658



30.0737, 0.2697, 0.2665

Complementary

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



30.0737, 0.3894, 0.3559



35.4895, 0.2584, 0.3000

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.



30.0737, 0.2475, 0.2729



30.0737, 0.3894, 0.3559



30.0737, 0.2532, 0.3288

Square

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



30.0737, 0.3894, 0.3559



30.0737, 0.3172, 0.3920



30.0737, 0.2416, 0.2947



30.0737, 0.3044, 0.2749

Rectangle

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



30.0737, 0.3894, 0.3559



30.0737, 0.3649, 0.3946



30.0737, 0.2416, 0.2947



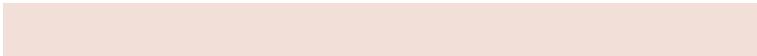
30.0737, 0.2607, 0.2669

Sweetspot

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



30.0751, 0.3894, 0.3559



76.6673, 0.3315, 0.3368



26.6114, 0.3368, 0.2619



16.5739, 0.3340, 0.3378



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.



30.0751, 0.3894, 0.3559



47.7796, 0.4143, 0.3621



41.0563, 0.3735, 0.3994



9.9596, 0.3282, 0.3355



9.0998, 0.5990, 0.3626



0.4711, 0.5503, 0.4013

Inverse Universe

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



35.4895, 0.2584, 0.3000



58.9250, 0.2470, 0.2922



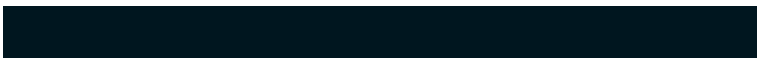
24.7957, 0.2510, 0.2468



10.3457, 0.2985, 0.3224



14.4713, 0.1990, 0.2365



0.6720, 0.2059, 0.2612

Previews

White Background



This preview shows how the Yxy color 30.0737, 0.3894, 0.3559 looks on a white background.

Color Contrast Check

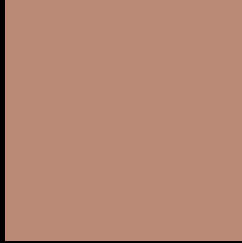
Large Text (above 18pt) WCAG AA × Fail

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 30.0737, 0.3894, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

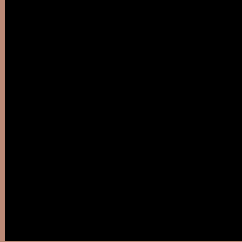
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0737, 0.3894, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 30.0737, 0.3894, 0.3559.



This preview shows how white text looks on a background with the Yxy color 30.0737, 0.3894, 0.3559.

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

30.0737, 0.3894, 0.3559

Protanopia

30.2192, 0.3469, 0.3681

Deuteranopia

29.9516, 0.3734, 0.3661



Tritanopia

29.9133, 0.3634, 0.3140

Trichromacy



Original Color

30.0737, 0.3894, 0.3559

Protanomaly

30.0910, 0.3626, 0.3637

Deuteranomaly

29.9415, 0.3800, 0.3625

Tritanomaly

29.7969, 0.3723, 0.3278

Monochromacy



Original Color

30.0737, 0.3894, 0.3559

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2084, 0.3378, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0737, 0.3894, 0.3559 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(187, 138, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 138, 119)  
}
```

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(187, 138, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 138, 119) }
```

Border

The CSS property to change the border of an element to Yxy 30.0737, 0.3894, 0.3559 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(187, 138, 119) }
```

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

```
.border{ border-color:rgb(187, 138, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 138, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 138, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 138, 119);  
box-shadow:4px 4px 4px 4px rgb(187, 138,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0737, 0.3894, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 138, 119) }
```

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

```
.background{ background-color: rgb(187,  
138, 119) }
```

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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