

Converting Colors

$Y_{xy}(30.7979, 0.3934, 0.3610)$

Have a look what the booklet for
Yxy(30.7979, 0.3934, 0.3610)
contains.

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Color

Yxy(30.8593, 0.3929, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	BD8C75
RGB	189, 140, 117
RGB Percent	74%, 55%, 46%
CMY	0.2588, 0.4510, 0.5411
CMYK	0.00, 0.26, 0.38, 0.26
HSL	19°, 35%, 60%
HSV	19°, 38%, 74%
XYZ	33.5769, 30.8593, 21.0230
YIQ	152.0290, 36.5870, 3.2350

Conversions

Conversions Part 2

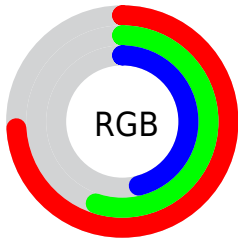
Format	Color
RYB	189, 151, 117
Decimal	12422261
CIELab	62.39, 15.58, 19.56
CIELCh	62, 25.002, 51.466
Yxy	30.8593, 0.3929, 0.3611
Android (android.graphics.Color)	4290612341 (0xFFBD8C75)
YUV	152.0290, -17.2693, 32.4236
Hunter-Lab	55.5511, 10.6766, 16.4479

Details

The Yxy color **30.8593, 0.3929, 0.3611** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7392, 0.2553, 0.2940**, and the grayscale version is **31.4781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2223, 0.3769, 0.3560**, and **12.8103, 0.4196, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **26.9170, 0.4227, 0.3693**, and if you desaturate by 10%, it is **35.3340, 0.3669, 0.3524**.

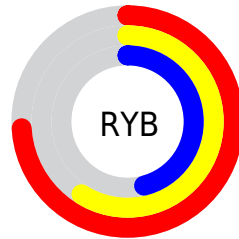
Distribution



Red (74%)

Green (55%)

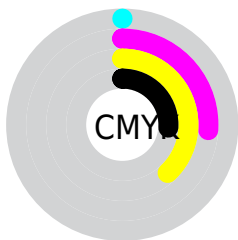
Blue (46%)



Red (74%)

Yellow (59%)

Blue (46%)

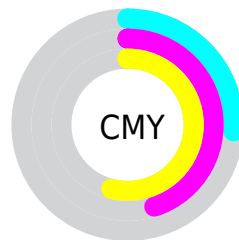


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8593, 0.3929, 0.3611 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 30.8593, 0.3929, 0.3611 by changing the saturation by 10% instead.


 30.8593, 0.3929,
0.3611


 30.8593, 0.3929,
0.3611


305.8896, 0.3498,
0.3453

 20.4917, 0.4047,
0.3648


 61.0185, 0.3765,
0.3555

 12.7530, 0.4203,
0.3693


 81.5789, 0.3705,
0.3533

 7.2587, 0.4421,
0.3748


 106.3057, 0.3656,
0.3515

 3.6244, 0.4741,
0.3809

135.5833, 0.3614,
0.3499

 1.4658, 0.5563,
0.4086

169.7961, 0.3579,
0.3485

 0.2644, 0.7049,
0.2951

209.3285, 0.3548,

 0.0000, 0.0000,

0.3473

0.0000

254.5649, 0.3521,
0.3462

■ 30.8593, 0.3929,
0.3611

■ 30.8593, 0.3929,
0.3611

■ 26.9170, 0.4227,
0.3693

■ 35.3340, 0.3669,
0.3524

■ 23.4822, 0.4559,
0.3763

■ 40.3561, 0.3447,
0.3437

■ 20.5344, 0.4915,
0.3808


■ 45.9452, 0.3258,
0.3354

■ 18.0499, 0.5272,
0.3817

■ 52.1190, 0.3099,
0.3276


■ 16.0025, 0.5599,
0.3781


■ 58.8939, 0.2964,
0.3203


 14.3603, 0.5868,
0.3700

 66.2861, 0.2849,
0.3137

 14.0864, 0.5916,
0.3684

 74.3109, 0.2752,
0.3077

 82.1016, 0.2735,
0.3159

 89.5593, 0.2747,
0.3289

Harmonies

Analogous

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



30.8593, 0.3814, 0.3286



30.8593, 0.3929, 0.3611



30.8593, 0.3813, 0.3882

Triad

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



30.8593, 0.3929, 0.3611



30.8593, 0.2743, 0.3625



30.8593, 0.2722, 0.2643

Complementary

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



30.8593, 0.3929, 0.3611



34.7392, 0.2553, 0.2940

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.



30.8593, 0.2471, 0.2687



30.8593, 0.3929, 0.3611



30.8593, 0.2481, 0.3234

Square

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



30.8593, 0.3929, 0.3611



30.8593, 0.3118, 0.3923



30.8593, 0.2386, 0.2892



30.8593, 0.3095, 0.2751

Rectangle

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



30.8593, 0.3929, 0.3611



30.8593, 0.3627, 0.3989



30.8593, 0.2386, 0.2892



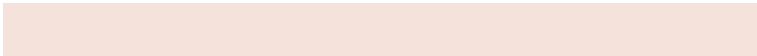
30.8593, 0.2622, 0.2640

Sweetspot

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



30.8608, 0.3929, 0.3611



79.0796, 0.3313, 0.3379



26.3080, 0.3425, 0.2631



16.7108, 0.3338, 0.3390



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.



30.8608, 0.3929, 0.3611



49.1049, 0.4184, 0.3683



43.0793, 0.3750, 0.4071



10.0202, 0.3281, 0.3364



9.6009, 0.5893, 0.3703



0.4972, 0.5414, 0.4084

Inverse Universe

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



34.7392, 0.2553, 0.2940



57.0295, 0.2433, 0.2845



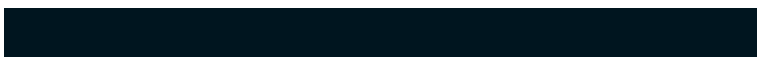
23.4814, 0.2468, 0.2362



10.2819, 0.2985, 0.3215



13.1191, 0.1952, 0.2226



0.6270, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 30.8593, 0.3929, 0.3611 looks on a white background.

Color Contrast Check

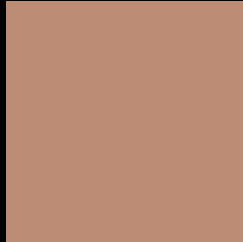
Large Text (above 18pt) WCAG AA × Fail

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 30.8593, 0.3929, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

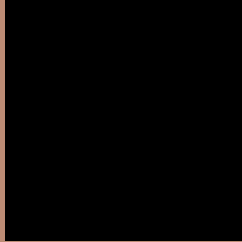
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8593, 0.3929, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 30.8593, 0.3929, 0.3611.



This preview shows how white text looks on a background with the Yxy color 30.8593, 0.3929, 0.3611.

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

30.8593, 0.3929, 0.3611

Protanopia

31.0119, 0.3505, 0.3738

Deuteranopia

30.8589, 0.3780, 0.3714



Tritanopia

30.8901, 0.3650, 0.3155

Trichromacy



Original Color

30.8593, 0.3929, 0.3611

Protanomaly

30.8814, 0.3662, 0.3693

Deuteranomaly

30.7296, 0.3835, 0.3679

Tritanomaly

30.7170, 0.3761, 0.3319

Monochromacy



Original Color

30.8593, 0.3929, 0.3611

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0432, 0.3396, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8593, 0.3929, 0.3611 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, 140, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 140, 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, 140, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 140, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.8593, 0.3929, 0.3611 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, 140, 117) }
```

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

```
.border{ border-color:rgb(189, 140, 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, 140, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 140, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 140, 117); box-shadow:4px 4px 4px 4px rgb(189, 140, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8593, 0.3929, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 140, 117) }
```

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

```
.background{ background-color: rgb(189,  
140, 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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