

Converting Colors

$Yxy(31.5720, 0.3869, 0.3629)$

Have a look what the booklet for
Yxy(31.5720, 0.3869, 0.3629)
contains.

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Color

Yxy(31.5416, 0.3869, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	BB8F77
RGB	187, 143, 119
RGB Percent	73%, 56%, 47%
CMY	0.2667, 0.4392, 0.5332
CMYK	0.00, 0.24, 0.36, 0.27
HSL	21°, 33%, 60%
HSV	21°, 36%, 73%
XYZ	33.6461, 31.5416, 21.7756
YIQ	153.4200, 33.9280, 1.8640

Conversions

Conversions Part 2

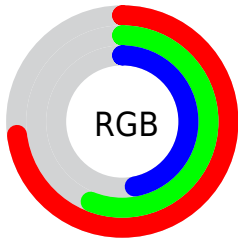
Format	Color
RYB	187, 156, 119
Decimal	12291959
CIELab	62.96, 13.35, 19.18
CIElCh	63, 23.369, 55.172
Yxy	31.5416, 0.3869, 0.3627
Android (android.graphics.Color)	4290482039 (0xFFBB8F77)
YUV	153.4200, -16.9691, 29.4497
Hunter-Lab	56.1619, 8.6545, 16.3249

Details

The Yxy color **31.5416, 0.3869, 0.3627** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7121, 0.2573, 0.2923**, and the grayscale version is **32.1136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1059, 0.3717, 0.3573**, and **13.1764, 0.4120, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **27.6969, 0.4151, 0.3719**, and if you desaturate by 10%, it is **35.8697, 0.3622, 0.3531**.

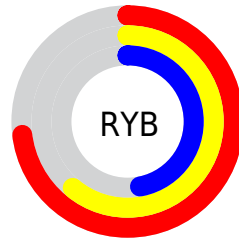
Distribution



Red (73%)

Green (56%)

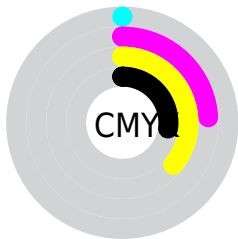
Blue (47%)



Red (73%)

Yellow (61%)

Blue (47%)

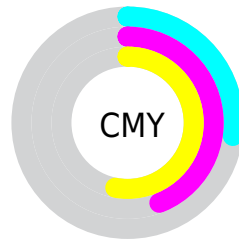


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5416, 0.3869, 0.3627 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 31.5416, 0.3869, 0.3627 by changing the saturation by 10% instead.


 31.5416, 0.3869,
0.3627


 31.5416, 0.3869,
0.3627


309.0258, 0.3471,
0.3459


 21.0116, 0.3977,
0.3668


 62.0918, 0.3718,
0.3567

 13.1325, 0.4120,
0.3718


 82.8807, 0.3663,
0.3544

 7.5198, 0.4319,
0.3781


 107.8582, 0.3618,
0.3524

 3.7893, 0.4611,
0.3857

137.4084, 0.3579,
0.3507

 1.5564, 0.5302,
0.4113

171.9159, 0.3547,
0.3493

 0.3279, 0.6603,
0.3397

211.7650, 0.3518,

 0.0000, 0.0000,

0.3480

0.0000

257.3402, 0.3493,
0.3469

■ 31.5416, 0.3869,
0.3627

■ 31.5416, 0.3869,
0.3627

■ 27.6969, 0.4151,
0.3719

■ 35.8697, 0.3622,
0.3531

■ 24.3137, 0.4466,
0.3800

■ 40.6935, 0.3410,
0.3436

■ 21.3745, 0.4804,
0.3858

■ 46.0300, 0.3228,
0.3345

■ 18.8592, 0.5146,
0.3881


■ 51.8945, 0.3074,
0.3260


■ 16.7456, 0.5467,
0.3858

■ 58.3013, 0.2942,
0.3181

 15.0082, 0.5737,
0.3785

 65.2642, 0.2830,
0.3109

 14.4569, 0.5828,
0.3755

 72.7965, 0.2734,
0.3044

 80.0023, 0.2720,
0.3125

 87.3606, 0.2733,
0.3256

Harmonies

Analogous

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



31.5416, 0.3788, 0.3326



31.5416, 0.3869, 0.3627



31.5416, 0.3738, 0.3865

Triad

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



31.5416, 0.3869, 0.3627



31.5416, 0.2734, 0.3558



31.5416, 0.2789, 0.2692

Complementary

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



31.5416, 0.3869, 0.3627



33.7121, 0.2573, 0.2923

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.



31.5416, 0.2536, 0.2715



31.5416, 0.3869, 0.3627



31.5416, 0.2506, 0.3196

Square

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



31.5416, 0.3869, 0.3627



31.5416, 0.3075, 0.3850



31.5416, 0.2436, 0.2890



31.5416, 0.3146, 0.2808

Rectangle

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



31.5416, 0.3869, 0.3627



31.5416, 0.3554, 0.3949



31.5416, 0.2436, 0.2890



31.5416, 0.2690, 0.2683

Sweetspot

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



31.5431, 0.3869, 0.3627



77.7110, 0.3312, 0.3388



26.4160, 0.3434, 0.2690



16.8284, 0.3337, 0.3400



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.



31.5431, 0.3869, 0.3627



50.6774, 0.4103, 0.3705



43.2621, 0.3710, 0.4062



10.0722, 0.3280, 0.3371



10.0858, 0.5806, 0.3772



0.5198, 0.5341, 0.4141

Inverse Universe

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



33.7121, 0.2573, 0.2923



55.1257, 0.2452, 0.2822



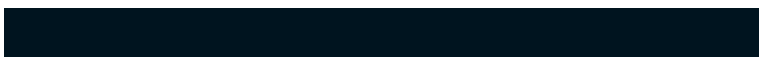
23.2706, 0.2497, 0.2376



10.2276, 0.2985, 0.3207



12.0389, 0.1919, 0.2107



0.5903, 0.2007, 0.2423

Previews

White Background



This preview shows how the Yxy color 31.5416, 0.3869, 0.3627 looks on a white background.

Color Contrast Check

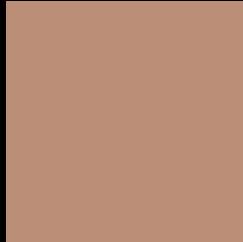
Large Text (above 18pt) WCAG AA × Fail

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 31.5416, 0.3869, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

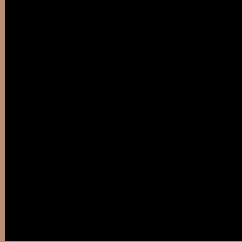
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5416, 0.3869, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 31.5416, 0.3869, 0.3627.



This preview shows how white text looks on a background with the Yxy color 31.5416, 0.3869, 0.3627.

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

31.5416, 0.3869, 0.3627

Protanopia

31.5679, 0.3514, 0.3734

Deuteranopia

31.4495, 0.3776, 0.3695



Tritanopia

31.5823, 0.3585, 0.3155

Trichromacy



Original Color

31.5416, 0.3869, 0.3627

Protanomaly

31.5580, 0.3633, 0.3692

Deuteranomaly

31.5039, 0.3815, 0.3677

Tritanomaly

31.4100, 0.3694, 0.3319

Monochromacy



Original Color

31.5416, 0.3869, 0.3627

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4173, 0.3373, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5416, 0.3869, 0.3627 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, 143, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 143, 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, 143, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 143, 119) }
```

Border

The CSS property to change the border of an element to Yxy 31.5416, 0.3869, 0.3627 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, 143, 119) }
```

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

```
.border{ border-color:rgb(187, 143, 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, 143, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 143, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 143, 119);  
box-shadow:4px 4px 4px 4px rgb(187, 143,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5416, 0.3869, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 143, 119) }
```

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

```
.background{ background-color: rgb(187,  
143, 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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