

Converting Colors

$Yxy(31.3933, 0.3882, 0.3624)$

Have a look what the booklet for
Yxy(31.3933, 0.3882, 0.3624)
contains.

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Color

Yxy(31.2427, 0.3874, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	BB8E77
RGB	187, 142, 119
RGB Percent	73%, 56%, 47%
CMY	0.2668, 0.4431, 0.5334
CMYK	0.00, 0.24, 0.36, 0.27
HSL	20°, 33%, 60%
HSV	20°, 36%, 73%
XYZ	33.4904, 31.2427, 21.7160
YIQ	152.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

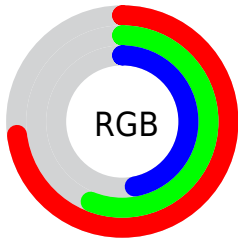
Format	Color
RYB	187, 154, 119
Decimal	12291703
CIELab	62.71, 13.88, 18.86
CIElCh	63, 23.414, 53.650
Yxy	31.2427, 0.3874, 0.3614
Android (android.graphics.Color)	4290481783 (0xFFBB8E77)
YUV	152.8330, -16.6797, 29.9645
Hunter-Lab	55.8952, 9.1342, 16.0917

Details

The Yxy color **31.2427, 0.3874, 0.3614** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0395, 0.2575, 0.2938**, and the grayscale version is **31.8414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6532, 0.3721, 0.3562**, and **13.0020, 0.4129, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **27.3603, 0.4160, 0.3703**, and if you desaturate by 10%, it is **35.6246, 0.3625, 0.3521**.

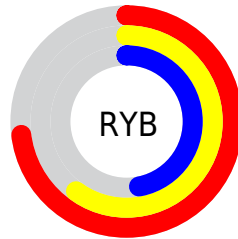
Distribution



Red (73%)

Green (56%)

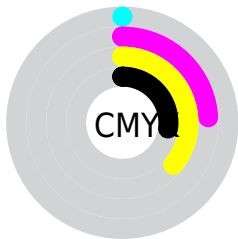
Blue (47%)



Red (73%)

Yellow (60%)

Blue (47%)

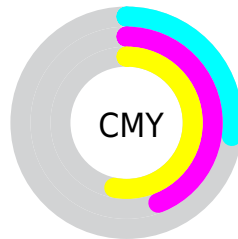


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2427, 0.3874, 0.3614 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 31.2427, 0.3874, 0.3614 by changing the saturation by 10% instead.


 31.2427, 0.3874,
0.3614


 31.2427, 0.3874,
0.3614


307.6549, 0.3473,
0.3453


 20.7837, 0.3983,
0.3653


 61.6220, 0.3722,
0.3556

 12.9660, 0.4128,
0.3701


 82.3111, 0.3666,
0.3534

 7.4051, 0.4331,
0.3760


 107.1790, 0.3621,
0.3515

 3.7167, 0.4628,
0.3831

136.6101, 0.3582,
0.3499

 1.5164, 0.5340,
0.4084

170.9889, 0.3549,
0.3485

 0.3002, 0.6752,
0.3248

210.6997, 0.3520,

 0.0000, 0.0000,

0.3473

0.0000

256.1269, 0.3495,
0.3462

■ 31.2427, 0.3874,
0.3614

■ 31.2427, 0.3874,
0.3614

■ 27.3603, 0.4160,
0.3703

■ 35.6246, 0.3625,
0.3521

■ 23.9544, 0.4480,
0.3780

■ 40.5191, 0.3411,
0.3430

■ 21.0069, 0.4824,
0.3835


■ 45.9440, 0.3228,
0.3343


■ 18.4964, 0.5173,
0.3855


■ 51.9152, 0.3074,
0.3261


■ 16.3997, 0.5499,
0.3830

■ 58.4477, 0.2942,
0.3186


 14.6900, 0.5773,
0.3756

 65.5561, 0.2831,
0.3117

 14.1524, 0.5865,
0.3725

 73.2543, 0.2735,
0.3054

 80.6506, 0.2721,
0.3137

 88.2179, 0.2734,
0.3271

Harmonies

Analogous

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



31.2427, 0.3782, 0.3311



31.2427, 0.3874, 0.3614



31.2427, 0.3752, 0.3859

Triad

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



31.2427, 0.3874, 0.3614



31.2427, 0.2747, 0.3577



31.2427, 0.2771, 0.2686

Complementary

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



31.2427, 0.3874, 0.3614



34.0395, 0.2575, 0.2938

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.



31.2427, 0.2525, 0.2718



31.2427, 0.3874, 0.3614



31.2427, 0.2511, 0.3213

Square

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



31.2427, 0.3874, 0.3614



31.2427, 0.3093, 0.3863



31.2427, 0.2432, 0.2901



31.2427, 0.3126, 0.2796

Rectangle

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



31.2427, 0.3874, 0.3614



31.2427, 0.3572, 0.3948



31.2427, 0.2432, 0.2901



31.2427, 0.2674, 0.2680

Sweetspot

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



31.2442, 0.3874, 0.3614



77.5085, 0.3313, 0.3384



26.4449, 0.3421, 0.2675



16.7790, 0.3338, 0.3396



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.



31.2442, 0.3874, 0.3614



50.1044, 0.4110, 0.3689



42.8024, 0.3715, 0.4049



10.0504, 0.3280, 0.3368



9.8759, 0.5843, 0.3743



0.5102, 0.5372, 0.4117

Inverse Universe

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



34.0395, 0.2575, 0.2938



55.8450, 0.2456, 0.2841



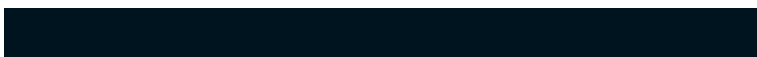
23.5596, 0.2500, 0.2394



10.2503, 0.2985, 0.3210



12.4837, 0.1933, 0.2157



0.6055, 0.2017, 0.2460

Previews

White Background



This preview shows how the Yxy color 31.2427, 0.3874, 0.3614 looks on a white background.

Color Contrast Check

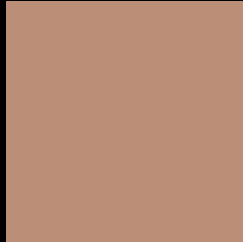
Large Text (above 18pt) WCAG AA × Fail

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 31.2427, 0.3874, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

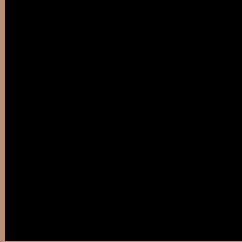
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2427, 0.3874, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 31.2427, 0.3874, 0.3614.



This preview shows how white text looks on a background with the Yxy color 31.2427, 0.3874, 0.3614.

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

31.2427, 0.3874, 0.3614

Protanopia

31.4888, 0.3493, 0.3720

Deuteranopia

31.3308, 0.3765, 0.3697



Tritanopia

31.2622, 0.3599, 0.3155

Trichromacy



Original Color

31.2427, 0.3874, 0.3614

Protanomaly

31.1310, 0.3626, 0.3679

Deuteranomaly

31.3826, 0.3803, 0.3678

Tritanomaly

31.0902, 0.3708, 0.3319

Monochromacy



Original Color

31.2427, 0.3874, 0.3614

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 31.2427, 0.3874, 0.3614 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, 142, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 142, 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, 142, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 142, 119) }
```

Border

The CSS property to change the border of an element to Yxy 31.2427, 0.3874, 0.3614 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, 142, 119) }
```

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

```
.border{ border-color:rgb(187, 142, 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, 142, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 142, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 142, 119);  
box-shadow:4px 4px 4px 4px rgb(187, 142,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2427, 0.3874, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 142, 119) }
```

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

```
.background{ background-color: rgb(187,  
142, 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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