

Converting Colors

$Yxy(31.5869, 0.3787, 0.3505)$

Have a look what the booklet for
Yxy(31.5869, 0.3787, 0.3505)
contains.

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Color

Yxy(31.4431, 0.3786, 0.3502)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BB8E7F |
| RGB | 187, 142, 127 |
| RGB Percent | 73%, 56%, 50% |
| CMY | 0.2667, 0.4431, 0.5020 |
| CMYK | 0.00, 0.24, 0.32, 0.27 |
| HSL | 15°, 31%, 62% |
| HSV | 15°, 32%, 73% |
| XYZ | 33.9930, 31.4431, 24.3500 |
| YIQ | 153.7450, 31.6350, 4.8750 |

Conversions

Conversions Part 2

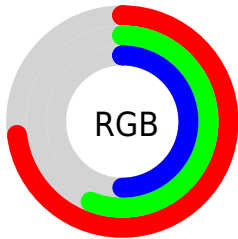
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 187, 147, 127 |
| Decimal | 12291711 |
| CIELab | 62.88, 14.91, 14.60 |
| CIELCh | 63, 20.871, 44.399 |
| Yxy | 31.4431, 0.3786, 0.3502 |
| Android (android.graphics.Color) | 4290481791 (0xFFBB8E7F) |
| YUV | 153.7450, -13.1853, 29.1646 |
| Hunter-Lab | 56.0741, 10.0797, 13.5054 |

Details

The Yxy color **31.4431, 0.3786, 0.3502** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5842, 0.2648, 0.3066**, and the grayscale version is **32.2456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0082, 0.3647, 0.3464**, and **13.1099, 0.4001, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **27.0897, 0.4076, 0.3570**, and if you desaturate by 10%, it is **36.4143, 0.3540, 0.3433**.

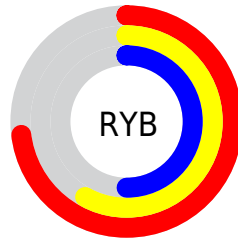
Distribution



Red (73%)

Green (56%)

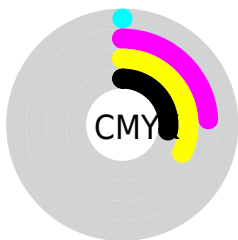
Blue (50%)



Red (73%)

Yellow (58%)

Blue (50%)

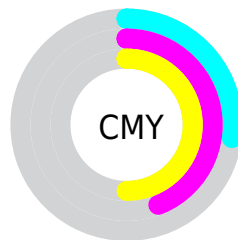


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4431, 0.3786, 0.3502 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 31.4431, 0.3786, 0.3502 by changing the saturation by 10% instead.

 31.4431, 0.3786,
0.3502


 31.4431, 0.3786,
0.3502


308.5745, 0.3432,
0.3398

 20.9365, 0.3883,
0.3527


 61.9370, 0.3651,
0.3465

 13.0776, 0.4012,
0.3557


 82.6931, 0.3602,
0.3451

 7.4820, 0.4194,
0.3594


 107.6345, 0.3562,
0.3439

 3.7653, 0.4466,
0.3638

137.1456, 0.3528,
0.3428

 1.5432, 0.4982,
0.3733

171.6107, 0.3499,
0.3419

 0.3188, 0.6766,
0.3234

211.4143, 0.3473,

 0.0000, 0.0000,

0.3411


0.0000


256.9408, 0.3451,
0.3404

 31.4431, 0.3786,
0.3502


 31.4431, 0.3786,
0.3502

 27.0897, 0.4076,
0.3570


 36.4143, 0.3540,
0.3433

 23.3252, 0.4410,
0.3631


 42.0217, 0.3333,
0.3366

 20.1251, 0.4781,
0.3676


 48.2888, 0.3160,
0.3303

 17.4611, 0.5172,
0.3695


 55.2362, 0.3015,
0.3244


 15.3027, 0.5549,
0.3679

 62.8837, 0.2894,
0.3191


 13.6156, 0.5872,
0.3620

 71.2504, 0.2792,
0.3142

 12.5830, 0.6077,
0.3557

 80.1682, 0.2721,
0.3128

 88.7456, 0.2735,
0.3280

 89.3025, 0.2736,
0.3289

Harmonies

Analogous

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



31.4431, 0.3647, 0.3227



31.4431, 0.3786, 0.3502



31.4431, 0.3736, 0.3742

Triad

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



31.4431, 0.3786, 0.3502



31.4431, 0.2878, 0.3635



31.4431, 0.2729, 0.2744

Complementary

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



31.4431, 0.3786, 0.3502



37.5842, 0.2648, 0.3066

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.



31.4431, 0.2546, 0.2816



31.4431, 0.3786, 0.3502



31.4431, 0.2628, 0.3323

Square

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



31.4431, 0.3786, 0.3502



31.4431, 0.3202, 0.3844



31.4431, 0.2510, 0.3022



31.4431, 0.3024, 0.2804

Rectangle

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



31.4431, 0.3786, 0.3502



31.4431, 0.3606, 0.3848



31.4431, 0.2510, 0.3022



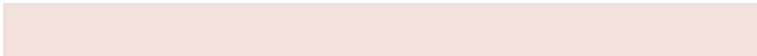
31.4431, 0.2653, 0.2753

Sweetspot

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



31.4446, 0.3786, 0.3502



77.3466, 0.3297, 0.3353



28.7148, 0.3322, 0.2685



16.6980, 0.3323, 0.3362



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.



31.4446, 0.3786, 0.3502



50.3452, 0.4001, 0.3554



41.5926, 0.3661, 0.3898



9.9144, 0.3282, 0.3348



8.7705, 0.6056, 0.3573



0.4515, 0.5574, 0.3956

Inverse Universe

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



37.5842, 0.2648, 0.3066



63.1454, 0.2544, 0.3004



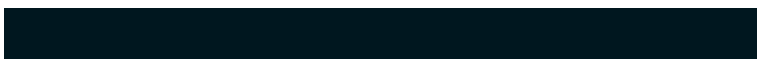
27.4387, 0.2592, 0.2596



10.3937, 0.2985, 0.3231



15.5452, 0.2019, 0.2468



0.7070, 0.2080, 0.2688

Previews

White Background



This preview shows how the Yxy color 31.4431, 0.3786, 0.3502 looks on a white background.

Color Contrast Check

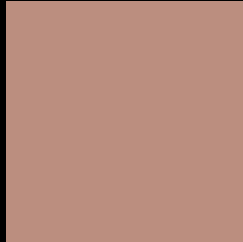
Large Text (above 18pt) WCAG AA × Fail

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 31.4431, 0.3786, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

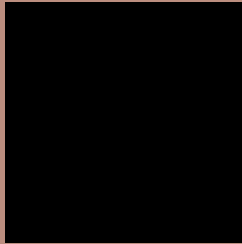
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4431, 0.3786, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 31.4431, 0.3786, 0.3502.



This preview shows how white text looks on a background with the Yxy color 31.4431, 0.3786, 0.3502.

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

31.4431, 0.3786, 0.3502

Protanopia

31.5960, 0.3403, 0.3597

Deuteranopia

31.6039, 0.3654, 0.3597



Tritanopia

31.4540, 0.3574, 0.3154

Trichromacy



Original Color

31.4431, 0.3786, 0.3502

Protanomaly

31.3376, 0.3543, 0.3559

Deuteranomaly

31.4605, 0.3706, 0.3564

Tritanomaly

31.3706, 0.3649, 0.3278

Monochromacy



Original Color

31.4431, 0.3786, 0.3502

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.9333, 0.3352, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4431, 0.3786, 0.3502 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(187, 142, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 142, 127) }
```

Border

The CSS property to change the border of an element to Yxy 31.4431, 0.3786, 0.3502 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, 127) }
```

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

```
.border{ border-color:rgb(187, 142, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(187, 142,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4431, 0.3786, 0.3502 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, 127) }
```

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

```
.background{ background-color: rgb(187,  
142, 127) }
```

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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