

Converting Colors

$Yxy(30.9791, 0.3990, 0.3556)$

Have a look what the booklet for
Yxy(30.9791, 0.3990, 0.3556)
contains.

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Color

Yxy(31.0871, 0.3996, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	C38A76
RGB	195, 138, 118
RGB Percent	76%, 54%, 46%
CMY	0.2353, 0.4588, 0.5373
CMYK	0.00, 0.29, 0.39, 0.24
HSL	16°, 39%, 61%
HSV	16°, 39%, 76%
XYZ	34.8650, 31.0871, 21.2977
YIQ	152.7630, 40.3920, 5.8640

Conversions

Conversions Part 2

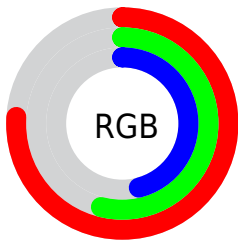
Format	Color
R _Y B	195, 145, 118
Decimal	12814966
CIE Lab	62.58, 19.21, 19.39
CIE LCh	63, 27.293, 45.265
Yxy	31.0871, 0.3996, 0.3563
Android (android.graphics.Color)	4291005046 (0xFFC38A76)
YUV	152.7630, -17.1382, 37.0418
Hunter-Lab	55.7558, 14.0463, 16.3814

Details

The Yxy color **31.0871, 0.3996, 0.3563** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4477, 0.2542, 0.2994**, and the grayscale version is **31.8101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4842, 0.3818, 0.3524**, and **12.9106, 0.4277, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **26.8019, 0.4318, 0.3629**, and if you desaturate by 10%, it is **36.0215, 0.3718, 0.3492**.

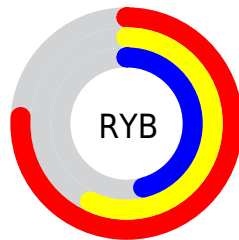
Distribution



Red (76%)

Green (54%)

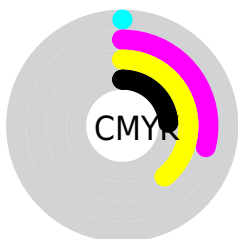
Blue (46%)



Red (76%)

Yellow (57%)

Blue (46%)

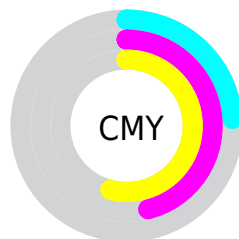


Cyan (0%)

Magenta (29%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (46%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0871, 0.3996, 0.3563 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 31.0871, 0.3996, 0.3563 by changing the saturation by 10% instead.


 31.0871, 0.3996,
0.3563


 31.0871, 0.3996,
0.3563


306.9394, 0.3529,
0.3433

 20.6652, 0.4123,
0.3592


 61.3772, 0.3818,
0.3518

 12.8795, 0.4293,
0.3625


 82.0141, 0.3754,
0.3500

 7.3456, 0.4529,
0.3662


 106.8249, 0.3700,
0.3485

 3.6792, 0.4874,
0.3695

136.1938, 0.3655,
0.3472

 1.4958, 0.5699,
0.3882

170.5053, 0.3617,
0.3460

 0.2857, 0.7216,
0.2784

210.1438, 0.3583,

 0.0000, 0.0000,

0.3450

0.0000

255.4937, 0.3554,
0.3441

■ 31.0871, 0.3996,
0.3563

■ 31.0871, 0.3996,
0.3563

■ 26.8019, 0.4318,
0.3629

■ 36.0215, 0.3718,
0.3492

■ 23.1340, 0.4678,
0.3681

■ 41.6264, 0.3483,
0.3420

■ 20.0552, 0.5064,
0.3710


■ 47.9276, 0.3285,
0.3351

■ 17.5334, 0.5445,
0.3703


■ 54.9483, 0.3120,
0.3287


■ 15.5330, 0.5783,
0.3655

■ 62.7105, 0.2981,
0.3227

 14.0086, 0.6049,
0.3573

 71.2352, 0.2865,
0.3173

 13.9429, 0.6061,
0.3569

 80.5428, 0.2767,
0.3124

 89.3682, 0.2777,
0.3273

 90.3432, 0.2778,
0.3289

Harmonies

Analogous

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



31.0871, 0.3820, 0.3211



31.0871, 0.3996, 0.3563



31.0871, 0.3917, 0.3878

Triad

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



31.0871, 0.3996, 0.3563



31.0871, 0.2786, 0.3738



31.0871, 0.2618, 0.2586

Complementary

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



31.0871, 0.3996, 0.3563



38.4477, 0.2542, 0.2994

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.



31.0871, 0.2382, 0.2666



31.0871, 0.3996, 0.3563



31.0871, 0.2471, 0.3315

Square

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



31.0871, 0.3996, 0.3563



31.0871, 0.3205, 0.4025



31.0871, 0.2330, 0.2920



31.0871, 0.3000, 0.2671

Rectangle

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



31.0871, 0.3996, 0.3563



31.0871, 0.3739, 0.4023



31.0871, 0.2330, 0.2920



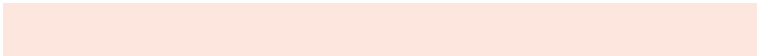
31.0871, 0.2520, 0.2593

Sweetspot

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



31.0886, 0.3996, 0.3563



82.6716, 0.3335, 0.3370



27.6816, 0.3381, 0.2544



17.7686, 0.3360, 0.3379



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0886, 0.3996, 0.3563



49.2736, 0.4258, 0.3618



43.8646, 0.3801, 0.4041



10.4940, 0.3283, 0.3350



9.1790, 0.6038, 0.3588



0.5128, 0.5585, 0.3948

Inverse Universe

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



38.4477, 0.2542, 0.2994



64.1466, 0.2434, 0.2921



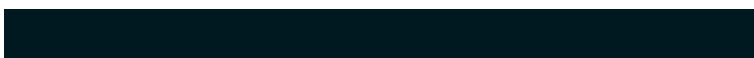
25.7512, 0.2452, 0.2401



10.9710, 0.2984, 0.3229



15.7307, 0.2010, 0.2434



0.7862, 0.2069, 0.2647

Previews

White Background



This preview shows how the Yxy color 31.0871, 0.3996, 0.3563 looks on a white background.

Color Contrast Check

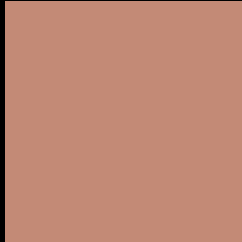
Large Text (above 18pt) WCAG AA × Fail

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 31.0871, 0.3996, 0.3563 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 31.0871, 0.3996, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 31.0871, 0.3996, 0.3563.



This preview shows how white text looks on a background with the Yxy color 31.0871, 0.3996, 0.3563.

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

31.0871, 0.3996, 0.3563

Protanopia

31.1655, 0.3496, 0.3706

Deuteranopia

31.3071, 0.3776, 0.3712



Tritanopia

30.9341, 0.3735, 0.3158

Trichromacy



Original Color

31.0871, 0.3996, 0.3563

Protanomaly

30.8471, 0.3667, 0.3646

Deuteranomaly

31.1196, 0.3858, 0.3660

Tritanomaly

30.8130, 0.3825, 0.3292

Monochromacy



Original Color

31.0871, 0.3996, 0.3563

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3981, 0.3418, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0871, 0.3996, 0.3563 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(195, 138, 118)` looks like.

```
.text, #text, p{  
    color:rgb(195, 138, 118)  
}
```

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(195, 138, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 138, 118) }
```

Border

The CSS property to change the border of an element to Yxy 31.0871, 0.3996, 0.3563 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(195, 138, 118) }
```

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

```
.border{ border-color:rgb(195, 138, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 138, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 138, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 138, 118);  
box-shadow:4px 4px 4px 4px rgb(195, 138,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0871, 0.3996, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 138, 118) }
```

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

```
.background{ background-color: rgb(195,  
138, 118) }
```

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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