

Converting Colors

$Y_{xy}(31.1577, 0.4079, 0.3712)$

Have a look what the booklet for
Yxy(31.1577, 0.4079, 0.3712)
contains.

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Color

Yxy(31.3296, 0.4073, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	C28C6D
RGB	194, 140, 109
RGB Percent	76%, 55%, 43%
CMY	0.2392, 0.4510, 0.5725
CMYK	0.00, 0.28, 0.44, 0.24
HSL	22°, 41%, 59%
HSV	22°, 44%, 76%
XYZ	34.3857, 31.3296, 18.7083
YIQ	152.6120, 42.1350, 1.8070

Conversions

Conversions Part 2

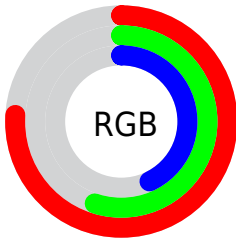
Format	Color
RYB	194, 158, 109
Decimal	12749933
CIELab	62.78, 16.68, 24.65
CIElCh	63, 29.764, 55.908
Yxy	31.3296, 0.4073, 0.3711
Android (android.graphics.Color)	4290940013 (0xFFC28C6D)
YUV	152.6120, -21.5007, 36.2973
Hunter-Lab	55.9729, 11.7052, 19.3640

Details

The Yxy color **31.3296, 0.4073, 0.3711** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3431, 0.2461, 0.2816**, and the grayscale version is **31.7605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8522, 0.3877, 0.3640**, and **13.0525, 0.4383, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **27.5557, 0.4377, 0.3799**, and if you desaturate by 10%, it is **35.6022, 0.3801, 0.3614**.

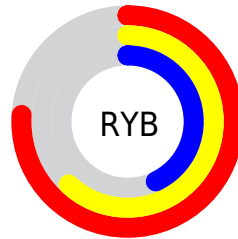
Distribution



Red (76%)

Green (55%)

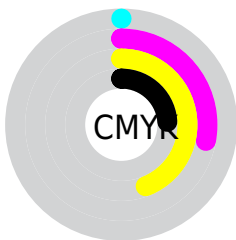
Blue (43%)



Red (76%)

Yellow (62%)

Blue (43%)

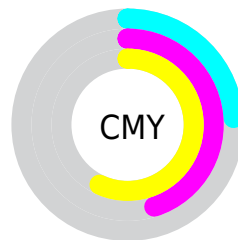


Cyan (0%)

Magenta (28%)

Yellow (44%)

Black (24%)



Cyan (24%)


Magenta (45%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.3296, 0.4073, 0.3711 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 31.3296, 0.4073, 0.3711 by changing the saturation by 10% instead.

 31.3296, 0.4073,
0.3711


 31.3296, 0.4073,
0.3711


308.0539, 0.3567,
0.3506


 20.8500, 0.4209,
0.3757


 61.7586, 0.3882,
0.3639

 13.0144, 0.4388,
0.3813


 82.4768, 0.3812,
0.3611

 7.4384, 0.4633,
0.3876


 107.3766, 0.3754,
0.3587

 3.7378, 0.4981,
0.3939

 136.8424, 0.3705,
0.3567

 1.5280, 0.5812,
0.4188

171.2587, 0.3663,
0.3549

 0.3083, 0.6943,
0.3057

211.0098, 0.3627,

 0.0000, 0.0000,

0.3533

0.0000

256.4800, 0.3595,
0.3519

■ 31.3296, 0.4073,
0.3711

■ 31.3296, 0.4073,
0.3711

■ 27.5557, 0.4377,
0.3799

■ 35.6022, 0.3801,
0.3614

■ 24.2565, 0.4706,
0.3866

■ 40.3872, 0.3565,
0.3514

■ 21.4128, 0.5045,
0.3901


■ 45.7033, 0.3361,
0.3416

■ 19.0018, 0.5369,
0.3892

■ 51.5668, 0.3186,
0.3324

■ 16.9983, 0.5649,
0.3831


■ 57.9933, 0.3038,
0.3237

 15.9422, 0.5800,
0.3777

 64.9978, 0.2911,
0.3158

 72.5947, 0.2803,
0.3085

 80.1902, 0.2758,
0.3113

 87.6386, 0.2769,
0.3246

Harmonies

Analogous

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



31.3296, 0.3980, 0.3335



31.3296, 0.4073, 0.3711



31.3296, 0.3892, 0.4019

Triad

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



31.3296, 0.4073, 0.3711



31.3296, 0.2616, 0.3622



31.3296, 0.2706, 0.2543

Complementary

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



31.3296, 0.4073, 0.3711



33.3431, 0.2461, 0.2816

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.



31.3296, 0.2390, 0.2562



31.3296, 0.4073, 0.3711



31.3296, 0.2340, 0.3149

Square

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



31.3296, 0.4073, 0.3711



31.3296, 0.3041, 0.4011



31.3296, 0.2262, 0.2768



31.3296, 0.3158, 0.2692

Rectangle

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



31.3296, 0.4073, 0.3711



31.3296, 0.3653, 0.4134



31.3296, 0.2262, 0.2768



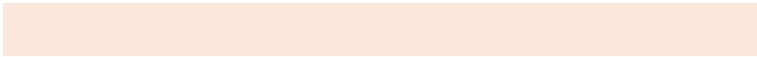
31.3296, 0.2582, 0.2530

Sweetspot

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



31.3311, 0.4073, 0.3711



83.4155, 0.3350, 0.3411



25.0993, 0.3521, 0.2566



17.7708, 0.3392, 0.3432



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.



31.3311, 0.4073, 0.3711



49.9039, 0.4378, 0.3799



45.7205, 0.3836, 0.4217



10.6659, 0.3280, 0.3375



10.6263, 0.5776, 0.3796



0.5909, 0.5349, 0.4134

Inverse Universe

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



33.3431, 0.2461, 0.2816



53.9768, 0.2323, 0.2684



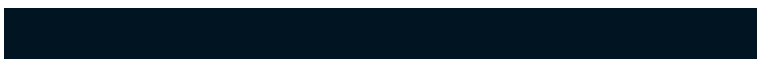
21.0088, 0.2348, 0.2147



10.7907, 0.2984, 0.3204



12.0763, 0.1907, 0.2063



0.6492, 0.1991, 0.2368

Previews

White Background



This preview shows how the Yxy color 31.3296, 0.4073, 0.3711 looks on a white background.

Color Contrast Check

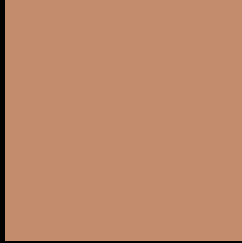
Large Text (above 18pt) WCAG AA × Fail

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 31.3296, 0.4073, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

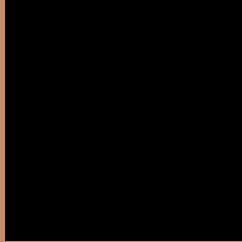
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3296, 0.4073, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 31.3296, 0.4073, 0.3711.



This preview shows how white text looks on a background with the Yxy color 31.3296, 0.4073, 0.3711.

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

31.3296, 0.4073, 0.3711

Protanopia

31.4579, 0.3614, 0.3871

Deuteranopia

31.4642, 0.3904, 0.3833



Tritanopia

31.2426, 0.3720, 0.3158

Trichromacy



Original Color

31.3296, 0.4073, 0.3711

Protanomaly

31.3483, 0.3774, 0.3820

Deuteranomaly

31.4683, 0.3971, 0.3795

Tritanomaly

31.2930, 0.3851, 0.3360

Monochromacy



Original Color

31.3296, 0.4073, 0.3711

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3108, 0.3449, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3296, 0.4073, 0.3711 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(194, 140, 109)` looks like.

```
.text, #text, p{  
    color:rgb(194, 140, 109)  
}
```

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(194, 140, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 140, 109) }
```

Border

The CSS property to change the border of an element to Yxy 31.3296, 0.4073, 0.3711 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(194, 140, 109) }
```

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

```
.border{ border-color:rgb(194, 140, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 140, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 140, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 140, 109);  
box-shadow:4px 4px 4px 4px rgb(194, 140,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3296, 0.4073, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 140, 109) }
```

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

```
.background{ background-color: rgb(194,  
140, 109) }
```

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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