

Converting Colors

$Yxy(31.2032, 0.4044, 0.3727)$

Have a look what the booklet for
Yxy(31.2032, 0.4044, 0.3727)
contains.

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Color

Yxy(31.3603, 0.4045, 0.3728)

Conversions

Conversions Part 1

Format	Color
Hex	C08D6D
RGB	192, 141, 109
RGB Percent	75%, 55%, 43%
CMY	0.2470, 0.4471, 0.5725
CMYK	0.00, 0.27, 0.43, 0.25
HSL	23°, 40%, 59%
HSV	23°, 43%, 75%
XYZ	34.0269, 31.3603, 18.7337
YIQ	152.6010, 40.6680, 0.8600

Conversions

Conversions Part 2

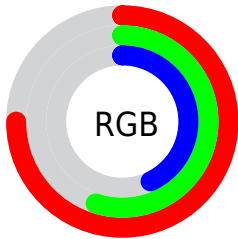
Format	Color
R _{YB}	192, 161, 109
Decimal	12619117
CIE Lab	62.81, 15.33, 24.64
CIE LCh	63, 29.021, 58.117
Yxy	31.3603, 0.4045, 0.3728
Android (android.graphics.Color)	4290809197 (0xFFC08D6D)
YUV	152.6010, -21.4953, 34.5529
Hunter-Lab	56.0003, 10.4599, 19.3659

Details

The Yxy color **31.3603, 0.4045, 0.3728** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **32.2142, 0.2465, 0.2796**, and the grayscale version is **31.7563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9274, 0.3856, 0.3653**, and **13.0533, 0.4341, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **27.6950, 0.4340, 0.3822**, and if you desaturate by 10%, it is **35.4900, 0.3781, 0.3625**.

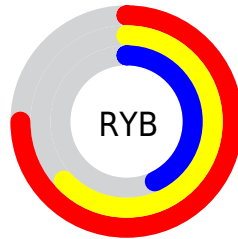
Distribution



Red (75%)

Green (55%)

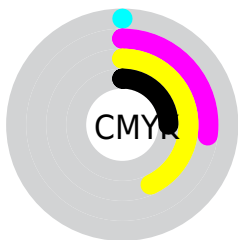
Blue (43%)



Red (75%)

Yellow (63%)

Blue (43%)

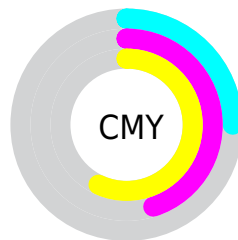


Cyan (0%)

Magenta (27%)

Yellow (43%)

Black (25%)



Cyan (25%)


Magenta (45%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.3603, 0.4045, 0.3728 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 31.3603, 0.4045, 0.3728 by changing the saturation by 10% instead.


 31.3603, 0.4045,
0.3728


 31.3603, 0.4045,
0.3728


308.1948, 0.3554,
0.3513

 20.8734, 0.4177,
0.3778


 61.8069, 0.3860,
0.3652

 13.0315, 0.4350,
0.3838


 82.5353, 0.3792,
0.3623

 7.4502, 0.4587,
0.3908


 107.4464, 0.3736,
0.3598

 3.7452, 0.4924,
0.3983

 136.9245, 0.3688,
0.3576

 1.5321, 0.5740,
0.4260

171.3539, 0.3647,
0.3557

 0.3112, 0.6829,
0.3171

211.1192, 0.3612,

 0.0000, 0.0000,

0.3540

0.0000

256.6047, 0.3581,
0.3526

■ 31.3603, 0.4045,
0.3728

■ 31.3603, 0.4045,
0.3728

■ 27.6950, 0.4340,
0.3822

■ 35.4900, 0.3781,
0.3625

■ 24.4720, 0.4660,
0.3895

■ 40.0960, 0.3549,
0.3520

■ 21.6741, 0.4988,
0.3937


■ 45.1953, 0.3349,
0.3417

■ 19.2806, 0.5303,
0.3935

■ 50.8029, 0.3177,
0.3320


■ 17.2689, 0.5579,
0.3880

■ 56.9329, 0.3030,
0.3229

 16.1030, 0.5742,
0.3823

 63.5988, 0.2904,
0.3145

 70.8138, 0.2797,
0.3069

 78.0889, 0.2744,
0.3078

 85.0900, 0.2755,
0.3206

Harmonies

Analogous

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



31.3603, 0.3974, 0.3363



31.3603, 0.4045, 0.3728



31.3603, 0.3852, 0.4019

Triad

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



31.3603, 0.4045, 0.3728



31.3603, 0.2603, 0.3580



31.3603, 0.2745, 0.2566

Complementary

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



31.3603, 0.4045, 0.3728



32.2142, 0.2465, 0.2796

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.



31.3603, 0.2424, 0.2572



31.3603, 0.4045, 0.3728



31.3603, 0.2346, 0.3122

Square

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



31.3603, 0.4045, 0.3728



31.3603, 0.3011, 0.3970



31.3603, 0.2284, 0.2760



31.3603, 0.3193, 0.2722

Rectangle

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



31.3603, 0.4045, 0.3728



31.3603, 0.3611, 0.4119



31.3603, 0.2284, 0.2760



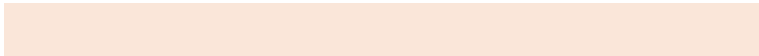
31.3603, 0.2621, 0.2549

Sweetspot

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



31.3618, 0.4045, 0.3728



81.8912, 0.3349, 0.3417



24.6955, 0.3549, 0.2610



17.1099, 0.3391, 0.3440



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



31.3618, 0.4045, 0.3728



50.4166, 0.4328, 0.3818



45.9047, 0.3811, 0.4236



10.6999, 0.3280, 0.3379



10.9746, 0.5720, 0.3841



0.6079, 0.5304, 0.4171

Inverse Universe

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



32.2142, 0.2465, 0.2796



52.1172, 0.2329, 0.2663



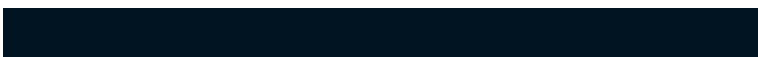
20.1825, 0.2353, 0.2121



10.7556, 0.2984, 0.3199



11.4383, 0.1886, 0.1990



0.6244, 0.1976, 0.2312

Previews

White Background



This preview shows how the Yxy color 31.3603, 0.4045, 0.3728 looks on a white background.

Color Contrast Check

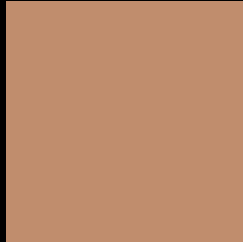
Large Text (above 18pt) WCAG AA × Fail

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 31.3603, 0.4045, 0.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

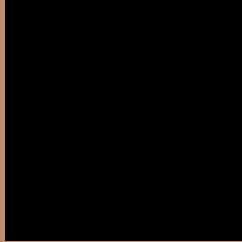
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3603, 0.4045, 0.3728

Background



This preview shows how black text looks on a background with the Yxy color 31.3603, 0.4045, 0.3728.



This preview shows how white text looks on a background with the Yxy color 31.3603, 0.4045, 0.3728.

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

31.3603, 0.4045, 0.3728

Protanopia

31.4579, 0.3614, 0.3871

Deuteranopia

31.4642, 0.3904, 0.3833



Tritanopia

31.2857, 0.3683, 0.3157

Trichromacy



Original Color

31.3603, 0.4045, 0.3728

Protanomaly

31.3483, 0.3774, 0.3820

Deuteranomaly

31.3435, 0.3960, 0.3797

Tritanomaly

31.3397, 0.3813, 0.3360

Monochromacy



Original Color

31.3603, 0.4045, 0.3728

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.5165, 0.3435, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3603, 0.4045, 0.3728 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(192, 141, 109)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 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(192, 141, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 109) }
```

Border

The CSS property to change the border of an element to Yxy 31.3603, 0.4045, 0.3728 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(192, 141, 109) }
```

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

```
.border{ border-color:rgb(192, 141, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 109);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3603, 0.4045, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 109) }
```

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

```
.background{ background-color: rgb(192,  
141, 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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