

Converting Colors

$Y_{xy}(32.7283, 0.3977, 0.3974)$

Have a look what the booklet for
Yxy(32.7283, 0.3977, 0.3974)
contains.

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Color

Yxy(32.8196, 0.3973, 0.3977)

Conversions

Conversions Part 1

Format	Color
Hex	B79665
RGB	183, 150, 101
RGB Percent	72%, 59%, 40%
CMY	0.2823, 0.4118, 0.6039
CMYK	0.00, 0.18, 0.45, 0.28
HSL	36°, 36%, 56%
HSV	36°, 45%, 72%
XYZ	32.7866, 32.8196, 16.9173
YIQ	154.2810, 35.3970, -8.2430

Conversions

Conversions Part 2

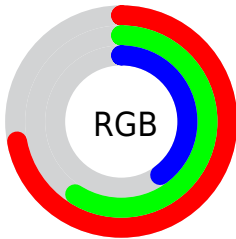
Format	Color
R_YB	156, 183, 101
Decimal	12031589
CIE _{Lab}	64.01, 5.77, 30.44
CIE _{LCh}	64, 30.979, 79.262
Yxy	32.8196, 0.3973, 0.3977
Android (android.graphics.Color)	4290221669 (0xFFB79665)
YUV	154.2810, -26.2675, 25.1866
Hunter-Lab	57.2884, 1.9022, 22.5935

Details

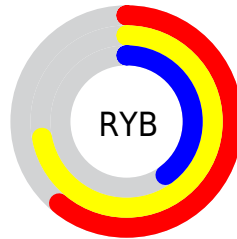
The Yxy color **32.8196, 0.3973, 0.3977** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.2403, 0.2393, 0.2478**, and the grayscale version is **32.5520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0109, 0.3802, 0.3846**, and **13.7699, 0.4236, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **30.2235, 0.4203, 0.4118**, and if you desaturate by 10%, it is **35.6465, 0.3754, 0.3824**.

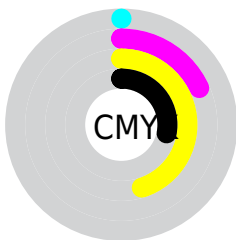
Distribution



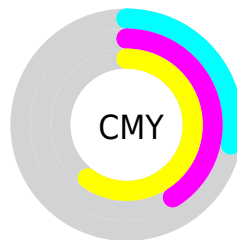
- Red (72%)
- Green (59%)
- Blue (40%)



- Red (61%)
- Yellow (72%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (28%)





- Cyan (28%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8196, 0.3973, 0.3977 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 32.8196, 0.3973, 0.3977 by changing the saturation by 10% instead.


 32.8196, 0.3973,
0.3977

 32.8196, 0.3973,
0.3977


314.8361, 0.3530,
0.3627

 21.9883, 0.4087,
0.4063


 64.0938, 0.3809,
0.3850


 13.8483, 0.4234,
0.4169


 85.3054, 0.3748,
0.3802

 8.0152, 0.4428,
0.4303

 110.7460, 0.3697,
0.3762

 4.1047, 0.4692,
0.4472

 140.7998, 0.3653,
0.3727

 1.7323, 0.5200,
0.4800

175.8514, 0.3616,
0.3697

 0.4444, 0.5590,
0.4410

216.2850, 0.3583,

 0.0000, 0.0000,

0.3671

0.0000

262.4851, 0.3555,
0.3648

■ 32.8196, 0.3973,
0.3977

■ 32.8196, 0.3973,
0.3977

■ 30.2235, 0.4203,
0.4118

■ 35.6465, 0.3754,
0.3824

■ 27.8456, 0.4436,
0.4234

■ 38.7071, 0.3551,
0.3666

■ 25.6786, 0.4661,
0.4316

■ 42.0099, 0.3366,
0.3510

■ 23.7126, 0.4866,
0.4351

■ 45.5617, 0.3201,
0.3359

■ 21.9364, 0.5040,
0.4335

■ 49.3688, 0.3053,
0.3218

■ 21.0797, 0.5124,
0.4314

■ 53.4372, 0.2922,
0.3085

■ 57.7728, 0.2806,
0.2963

■ 62.3811, 0.2704,
0.2851

■ 66.5583, 0.2671,
0.2857

Harmonies

Analogous

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



32.8196, 0.4101, 0.3637



32.8196, 0.3973, 0.3977



32.8196, 0.3617, 0.4164

Triad

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



32.8196, 0.3973, 0.3977



32.8196, 0.2367, 0.3249



32.8196, 0.3048, 0.2632

Complementary

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



32.8196, 0.3973, 0.3977



23.2403, 0.2393, 0.2478

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.



32.8196, 0.2609, 0.2515



32.8196, 0.3973, 0.3977



32.8196, 0.2242, 0.2827

Square

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



32.8196, 0.3973, 0.3977



32.8196, 0.2690, 0.3734



32.8196, 0.2326, 0.2575



32.8196, 0.3544, 0.2893

Rectangle

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



32.8196, 0.3973, 0.3977



32.8196, 0.3307, 0.4147



32.8196, 0.2326, 0.2575



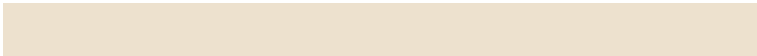
32.8196, 0.2889, 0.2575

Sweetspot

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



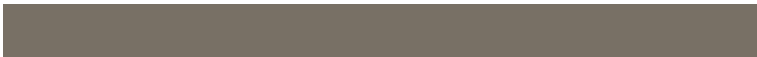
32.8212, 0.3973, 0.3977



76.2117, 0.3339, 0.3485



21.1301, 0.3796, 0.2808



16.5327, 0.3377, 0.3519



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.8212, 0.3973, 0.3977



54.0849, 0.4205, 0.4119



44.0648, 0.3718, 0.4400



9.8803, 0.3273, 0.3426



14.8398, 0.5110, 0.4325



0.6410, 0.4815, 0.4559

Inverse Universe

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



23.2403, 0.2393, 0.2478



34.7446, 0.2225, 0.2253



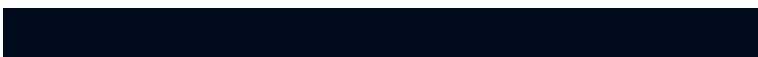
15.9038, 0.2358, 0.1936



9.2970, 0.2985, 0.3150



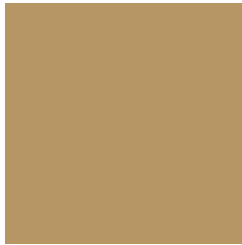
5.8980, 0.1693, 0.1293



0.3302, 0.1840, 0.1823

Previews

White Background



This preview shows how the Yxy color 32.8196, 0.3973, 0.3977 looks on a white background.

Color Contrast Check

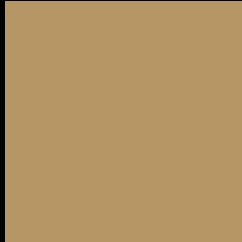
Large Text (above 18pt) WCAG AA × Fail

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 32.8196, 0.3973, 0.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

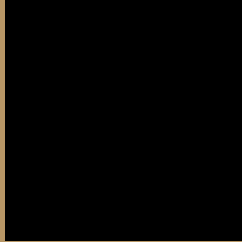
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8196, 0.3973, 0.3977

Background



This preview shows how black text looks on a background with the Yxy color 32.8196, 0.3973, 0.3977.



This preview shows how white text looks on a background with the Yxy color 32.8196, 0.3973, 0.3977.

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

32.8196, 0.3973, 0.3977

Protanopia

32.8570, 0.3772, 0.4059

Deuteranopia

32.6842, 0.4029, 0.3939



Tritanopia

32.6694, 0.3499, 0.3141

Trichromacy



Original Color

32.8196, 0.3973, 0.3977

Protanomaly

32.7404, 0.3847, 0.4031

Deuteranomaly

32.8736, 0.4012, 0.3955

Tritanomaly

32.7461, 0.3672, 0.3445

Monochromacy



Original Color

32.8196, 0.3973, 0.3977

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.5311, 0.3424, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8196, 0.3973, 0.3977 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(183, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(183, 150, 101)  
}
```

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(183, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 150, 101) }
```

Border

The CSS property to change the border of an element to Yxy 32.8196, 0.3973, 0.3977 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(183, 150, 101) }
```

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

```
.border{ border-color:rgb(183, 150, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 150, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(183, 150,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8196, 0.3973, 0.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 150, 101) }
```

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

```
.background{ background-color: rgb(183,  
150, 101) }
```

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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