

Converting Colors

$Yxy(32.3177, 0.4111, 0.3702)$

Have a look what the booklet for
Yxy(32.3177, 0.4111, 0.3702)
contains.

Yxy(32.3177, 0.4111, 0.3702)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.3177, 0.4111, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	C78D6E
RGB	199, 141, 110
RGB Percent	78%, 55%, 43%
CMY	0.2197, 0.4470, 0.5687
CMYK	0.00, 0.29, 0.45, 0.22
HSL	21°, 44%, 61%
HSV	21°, 45%, 78%
XYZ	35.8882, 32.3177, 19.0921
YIQ	154.8080, 44.5190, 2.6550

Conversions

Conversions Part 2

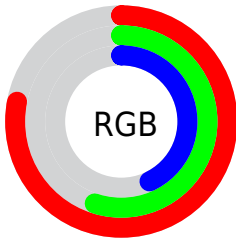
Format	Color
RYB	199, 158, 110
Decimal	13077870
CIELab	63.60, 18.27, 25.31
CIElCh	64, 31.210, 54.180
Yxy	32.3177, 0.4111, 0.3702
Android (android.graphics.Color)	4291267950 (0xFFC78D6E)
YUV	154.8080, -22.0903, 38.7564
Hunter-Lab	56.8487, 13.2007, 19.8821

Details

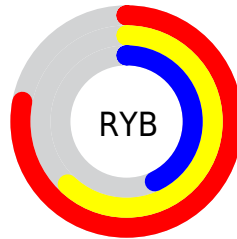
The Yxy color **32.3177, 0.4111, 0.3702** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **35.4220, 0.2451, 0.2825**, and the grayscale version is **32.7738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8988, 0.3890, 0.3637**, and **13.6696, 0.4432, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **28.3321, 0.4424, 0.3784**, and if you desaturate by 10%, it is **36.8510, 0.3832, 0.3609**.

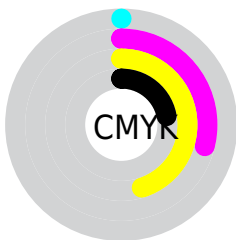
Distribution



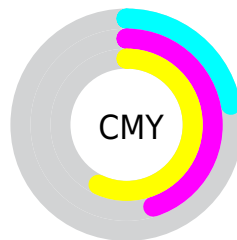
- Red (78%)
- Green (55%)
- Blue (43%)



- Red (78%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (22%)





- Cyan (22%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.3177, 0.4111, 0.3702 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 32.3177, 0.4111, 0.3702 by changing the saturation by 10% instead.


 32.3177, 0.4111,
0.3702


 32.3177, 0.4111,
0.3702


312.5639, 0.3587,
0.3505

 21.6043, 0.4251,
0.3745


 63.3088, 0.3914,
0.3634


 13.5664, 0.4434,
0.3796


 84.3553, 0.3842,
0.3607

 7.8197, 0.4683,
0.3853


 109.6149, 0.3781,
0.3584

 3.9798, 0.5035,
0.3905

 139.4721, 0.3731,
0.3564

 1.6623, 0.5867,
0.4133

174.3112, 0.3687,
0.3546

 0.3991, 0.6740,
0.3260

214.5166, 0.3649,

 0.0000, 0.0000,

0.3531

0.0000

260.4727, 0.3616,
0.3517

■ 32.3177, 0.4111,
0.3702

■ 32.3177, 0.4111,
0.3702

■ 28.3321, 0.4424,
0.3784

■ 36.8510, 0.3832,
0.3609

■ 24.8676, 0.4763,
0.3845

■ 41.9479, 0.3588,
0.3514

■ 21.9020, 0.5110,
0.3873

■ 47.6295, 0.3380,
0.3420

■ 19.4096, 0.5438,
0.3856

■ 53.9141, 0.3202,
0.3330

■ 17.3615, 0.5717,
0.3788

■ 60.8194, 0.3051,
0.3247

■ 16.4436, 0.5846,
0.3740

■ 68.3622, 0.2922,
0.3170

■ 76.5588, 0.2813,
0.3100

■ 84.4786, 0.2792,
0.3180

■ 90.8797, 0.2800,
0.3289

Harmonies

Analogous

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



32.3177, 0.3998, 0.3312



32.3177, 0.4111, 0.3702



32.3177, 0.3937, 0.4030

Triad

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



32.3177, 0.4111, 0.3702



32.3177, 0.2619, 0.3663



32.3177, 0.2667, 0.2514

Complementary

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



32.3177, 0.4111, 0.3702



35.4220, 0.2451, 0.2825

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.



32.3177, 0.2351, 0.2543



32.3177, 0.4111, 0.3702



32.3177, 0.2323, 0.3169

Square

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



32.3177, 0.4111, 0.3702



32.3177, 0.3064, 0.4057



32.3177, 0.2231, 0.2766



32.3177, 0.3129, 0.2659

Rectangle

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



32.3177, 0.4111, 0.3702



32.3177, 0.3695, 0.4160



32.3177, 0.2231, 0.2766



32.3177, 0.2542, 0.2503

Sweetspot

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



32.3193, 0.4111, 0.3702



85.0358, 0.3350, 0.3405



26.1636, 0.3515, 0.2533



17.6970, 0.3393, 0.3426



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.



32.3193, 0.4111, 0.3702



49.5760, 0.4426, 0.3785



47.6078, 0.3860, 0.4221



11.2318, 0.3281, 0.3371



10.7249, 0.5821, 0.3760



0.6436, 0.5416, 0.4082

Inverse Universe

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



35.4220, 0.2451, 0.2825



55.6404, 0.2315, 0.2698



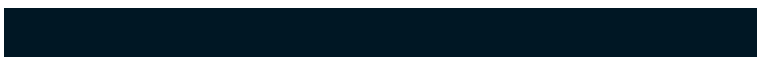
22.0564, 0.2332, 0.2139



11.4209, 0.2984, 0.3208



13.0198, 0.1922, 0.2118



0.7484, 0.1998, 0.2391

Previews

White Background



This preview shows how the Yxy color 32.3177, 0.4111, 0.3702 looks on a white background.

Color Contrast Check

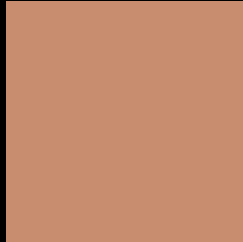
Large Text (above 18pt) WCAG AA × Fail

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 32.3177, 0.4111, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

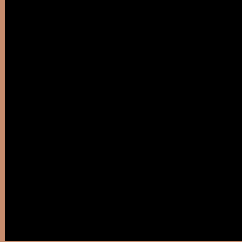
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3177, 0.4111, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 32.3177, 0.4111, 0.3702.



This preview shows how white text looks on a background with the Yxy color 32.3177, 0.4111, 0.3702.

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

32.3177, 0.4111, 0.3702

Protanopia

32.3715, 0.3608, 0.3864

Deuteranopia

32.4743, 0.3915, 0.3839



Tritanopia

32.2402, 0.3760, 0.3161

Trichromacy



Original Color

32.3177, 0.4111, 0.3702

Protanomaly

32.0569, 0.3782, 0.3798

Deuteranomaly

32.1737, 0.3988, 0.3788

Tritanomaly

32.2879, 0.3891, 0.3358

Monochromacy



Original Color

32.3177, 0.4111, 0.3702

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3347, 0.3455, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3177, 0.4111, 0.3702 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(199, 141, 110)` looks like.

```
.text, #text, p{  
    color:rgb(199, 141, 110)  
}
```

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(199, 141, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 141, 110) }
```

Border

The CSS property to change the border of an element to Yxy 32.3177, 0.4111, 0.3702 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(199, 141, 110) }
```

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

```
.border{ border-color:rgb(199, 141, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 141, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 141, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 141, 110);  
box-shadow:4px 4px 4px 4px rgb(199, 141,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3177, 0.4111, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 141, 110) }
```

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

```
.background{ background-color: rgb(199,  
141, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor