

Converting Colors

$Y_{xy}(32.3033, 0.3911, 0.3615)$

Have a look what the booklet for
Yxy(32.3033, 0.3911, 0.3615)
contains.

Yxy(32.2075, 0.3914, 0.3607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.2075, 0.3914, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	C08F78
RGB	192, 143, 120
RGB Percent	75%, 56%, 47%
CMY	0.2471, 0.4392, 0.5295
CMYK	0.00, 0.26, 0.38, 0.25
HSL	19°, 36%, 61%
HSV	19°, 38%, 75%
XYZ	34.9488, 32.2075, 22.1354
YIQ	155.0290, 36.5870, 3.2350

Conversions

Conversions Part 2

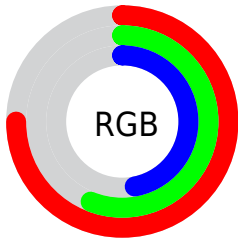
Format	Color
RYB	192, 154, 120
Decimal	12619640
CIELab	63.51, 15.47, 19.49
CIElCh	64, 24.889, 51.557
Yxy	32.2075, 0.3914, 0.3607
Android (android.graphics.Color)	4290809720 (0xFFC08F78)
YUV	155.0290, -17.2693, 32.4236
Hunter-Lab	56.7517, 10.6083, 16.6007

Details

The Yxy color **32.2075, 0.3914, 0.3607** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1581, 0.2560, 0.2945**, and the grayscale version is **32.8576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2351, 0.3759, 0.3557**, and **13.6020, 0.4182, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **28.0931, 0.4210, 0.3690**, and if you desaturate by 10%, it is **36.8749, 0.3656, 0.3519**.

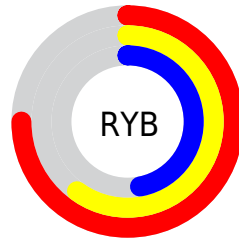
Distribution



Red (75%)

Green (56%)

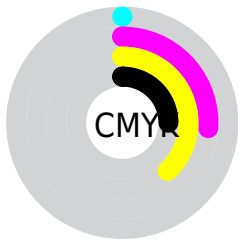
Blue (47%)



Red (75%)

Yellow (60%)

Blue (47%)

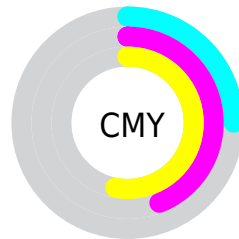


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (25%)



Cyan (25%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2075, 0.3914, 0.3607 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 32.2075, 0.3914, 0.3607 by changing the saturation by 10% instead.

 32.2075, 0.3914,
0.3607


 32.2075, 0.3914,
0.3607


312.0634, 0.3493,
0.3451


 21.5200, 0.4028,
0.3643


 63.1362, 0.3755,
0.3552

 13.5047, 0.4178,
0.3688


 84.1463, 0.3697,
0.3531

 7.7770, 0.4387,
0.3741


 109.3660, 0.3649,
0.3513

 3.9526, 0.4691,
0.3802

139.1798, 0.3608,
0.3497

 1.6471, 0.5359,
0.3996

173.9721, 0.3573,
0.3483

 0.3890, 0.6577,
0.3423

214.1271, 0.3543,

 0.0000, 0.0000,

0.3471

0.0000

260.0295, 0.3517,
0.3461

■ 32.2075, 0.3914,
0.3607

■ 32.2075, 0.3914,
0.3607

■ 28.0931, 0.4210,
0.3690

■ 36.8749, 0.3656,
0.3519

■ 24.5059, 0.4541,
0.3760

■ 42.1106, 0.3436,
0.3432

■ 21.4248, 0.4896,
0.3807


■ 47.9352, 0.3249,
0.3349


■ 18.8251, 0.5254,
0.3819


■ 54.3667, 0.3090,
0.3271

■ 16.6801, 0.5583,
0.3785


■ 61.4223, 0.2956,
0.3199


 14.9576, 0.5854,
0.3705

 69.1185, 0.2843,
0.3133

 14.5870, 0.5917,
0.3684

 77.4713, 0.2746,
0.3073

 85.2416, 0.2755,
0.3209

 89.9459, 0.2762,
0.3289

Harmonies

Analogous

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



32.2075, 0.3802, 0.3288



32.2075, 0.3914, 0.3607



32.2075, 0.3799, 0.3872

Triad

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



32.2075, 0.3914, 0.3607



32.2075, 0.2750, 0.3618



32.2075, 0.2730, 0.2654

Complementary

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



32.2075, 0.3914, 0.3607



36.1581, 0.2560, 0.2945

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.



32.2075, 0.2483, 0.2697



32.2075, 0.3914, 0.3607



32.2075, 0.2492, 0.3234

Square

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



32.2075, 0.3914, 0.3607



32.2075, 0.3118, 0.3910



32.2075, 0.2398, 0.2899



32.2075, 0.3097, 0.2760

Rectangle

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



32.2075, 0.3914, 0.3607



32.2075, 0.3617, 0.3977



32.2075, 0.2398, 0.2899



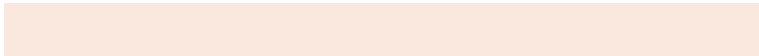
32.2075, 0.2631, 0.2651

Sweetspot

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



32.2090, 0.3914, 0.3607



82.8670, 0.3314, 0.3379



27.5043, 0.3420, 0.2640



17.4665, 0.3339, 0.3390



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.



32.2090, 0.3914, 0.3607



52.1699, 0.4154, 0.3676



44.7181, 0.3741, 0.4060



10.5921, 0.3281, 0.3364



9.9419, 0.5894, 0.3702



0.5561, 0.5449, 0.4056

Inverse Universe

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



36.1581, 0.2560, 0.2945



60.3111, 0.2445, 0.2855



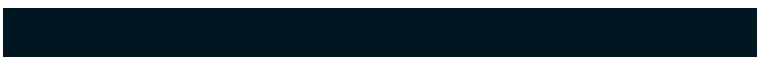
24.6207, 0.2479, 0.2378



10.8676, 0.2984, 0.3215



13.5556, 0.1951, 0.2222



0.7056, 0.2025, 0.2488

Previews

White Background



This preview shows how the Yxy color 32.2075, 0.3914, 0.3607 looks on a white background.

Color Contrast Check

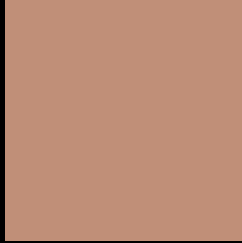
Large Text (above 18pt) WCAG AA × Fail

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 32.2075, 0.3914, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

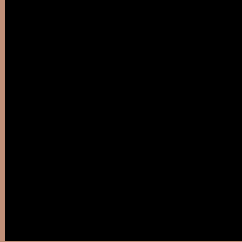
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2075, 0.3914, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 32.2075, 0.3914, 0.3607.



This preview shows how white text looks on a background with the Yxy color 32.2075, 0.3914, 0.3607.

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

32.2075, 0.3914, 0.3607

Protanopia

32.3784, 0.3498, 0.3731

Deuteranopia

32.3355, 0.3779, 0.3705



Tritanopia

32.2373, 0.3640, 0.3157

Trichromacy



Original Color

32.2075, 0.3914, 0.3607

Protanomaly

32.2414, 0.3652, 0.3687

Deuteranomaly

32.2040, 0.3832, 0.3671

Tritanomaly

32.0605, 0.3749, 0.3319

Monochromacy



Original Color

32.2075, 0.3914, 0.3607

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4110, 0.3391, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2075, 0.3914, 0.3607 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, 143, 120)` looks like.

```
.text, #text, p{  
    color:rgb(192, 143, 120)  
}
```

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, 143, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 143, 120) }
```

Border

The CSS property to change the border of an element to Yxy 32.2075, 0.3914, 0.3607 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, 143, 120) }
```

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

```
.border{ border-color:rgb(192, 143, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 143, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 143, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 143, 120);  
box-shadow:4px 4px 4px 4px rgb(192, 143,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2075, 0.3914, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 143, 120) }
```

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

```
.background{ background-color: rgb(192,  
143, 120) }
```

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