

Converting Colors

$Yxy(32.4428, 0.3918, 0.3503)$

Have a look what the booklet for
Yxy(32.4428, 0.3918, 0.3503)
contains.

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Color

Yxy(32.4007, 0.3923, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	C58D7D
RGB	197, 141, 125
RGB Percent	77%, 55%, 49%
CMY	0.2276, 0.4470, 0.5098
CMYK	0.00, 0.28, 0.37, 0.23
HSL	13°, 38%, 63%
HSV	13°, 37%, 77%
XYZ	36.2441, 32.4007, 23.7439
YIQ	155.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

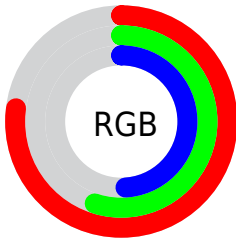
Format	Color
RYB	197, 146, 125
Decimal	12946813
CIELab	63.67, 19.16, 16.98
CIELCh	64, 25.606, 41.553
Yxy	32.4007, 0.3923, 0.3507
Android (android.graphics.Color)	4291136893 (0xFFC58D7D)
YUV	155.9200, -15.2436, 36.0272
Hunter-Lab	56.9216, 14.0446, 15.1133

Details

The Yxy color **32.4007, 0.3923, 0.3507** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4079, 0.2588, 0.3058**, and the grayscale version is **33.2646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5046, 0.3758, 0.3469**, and **13.4969, 0.4191, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **27.7399, 0.4242, 0.3565**, and if you desaturate by 10%, it is **37.7885, 0.3651, 0.3445**.

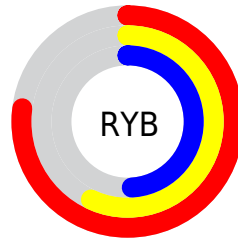
Distribution



Red (77%)

Green (55%)

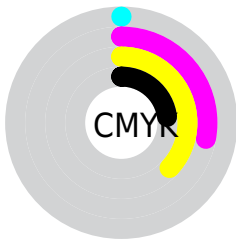
Blue (49%)



Red (77%)

Yellow (57%)

Blue (49%)

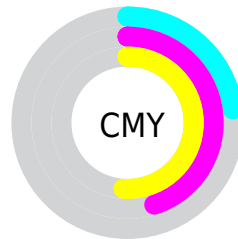


Cyan (0%)

Magenta (28%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4007, 0.3923, 0.3507 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 32.4007, 0.3923, 0.3507 by changing the saturation by 10% instead.


 32.4007, 0.3923,
0.3507


 32.4007, 0.3923,
0.3507


312.9405, 0.3497,
0.3405


 21.6677, 0.4038,
0.3529


 63.4387, 0.3762,
0.3472

 13.6130, 0.4192,
0.3555


 84.5126, 0.3703,
0.3458

 7.8520, 0.4405,
0.3584


 109.8022, 0.3654,
0.3446

 4.0004, 0.4720,
0.3611

139.6920, 0.3613,
0.3436

 1.6738, 0.5312,
0.3676

174.5663, 0.3578,
0.3426

 0.4066, 0.6775,
0.3225

214.8096, 0.3547,

 0.0000, 0.0000,


0.3418

0.0000


260.8062, 0.3521,
0.3411


 32.4007, 0.3923,
0.3507


 32.4007, 0.3923,
0.3507


 27.7399, 0.4242,
0.3565

 37.7885, 0.3651,
0.3445

 23.7701, 0.4606,
0.3614


 43.9280, 0.3423,
0.3384


 20.4591, 0.5003,
0.3643

 50.8487, 0.3233,
0.3326


 17.7702, 0.5405,
0.3643

 58.5767, 0.3076,
0.3272


 15.6628, 0.5771,
0.3606

 67.1373, 0.2945,
0.3222

 14.0907, 0.6056,
0.3532

 76.5543, 0.2835,
0.3177

 13.6564, 0.6140,
0.3507

 86.3338, 0.2783,
0.3217

 90.6047, 0.2789,
0.3289

Harmonies

Analogous

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



32.4007, 0.3733, 0.3179



32.4007, 0.3923, 0.3507



32.4007, 0.3881, 0.3807

Triad

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



32.4007, 0.3923, 0.3507



32.4007, 0.2857, 0.3745



32.4007, 0.2619, 0.2635

Complementary

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



32.4007, 0.3923, 0.3507



41.4079, 0.2588, 0.3058

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.



32.4007, 0.2418, 0.2733



32.4007, 0.3923, 0.3507



32.4007, 0.2547, 0.3364

Square

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



32.4007, 0.3923, 0.3507



32.4007, 0.3252, 0.3984



32.4007, 0.2392, 0.2990



32.4007, 0.2961, 0.2696

Rectangle

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



32.4007, 0.3923, 0.3507



32.4007, 0.3732, 0.3951



32.4007, 0.2392, 0.2990



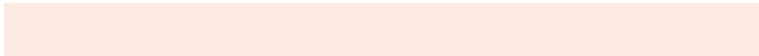
32.4007, 0.2534, 0.2650

Sweetspot

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



32.4022, 0.3923, 0.3507



85.1932, 0.3317, 0.3352



29.8821, 0.3331, 0.2571



17.8708, 0.3343, 0.3360



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.



32.4022, 0.3923, 0.3507



51.1655, 0.4179, 0.3555



44.6194, 0.3756, 0.3957



11.0137, 0.3284, 0.3342



9.0908, 0.6119, 0.3524



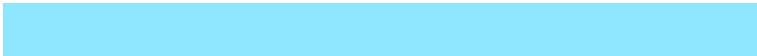
0.5423, 0.5706, 0.3851

Inverse Universe

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



41.4079, 0.2588, 0.3058



69.6401, 0.2481, 0.2998



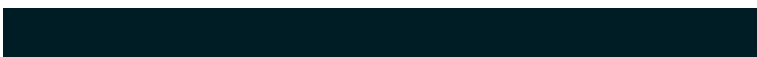
28.7576, 0.2512, 0.2516



11.6513, 0.2984, 0.3237



17.7912, 0.2045, 0.2563



0.9442, 0.2092, 0.2731

Previews

White Background



This preview shows how the Yxy color 32.4007, 0.3923, 0.3507 looks on a white background.

Color Contrast Check

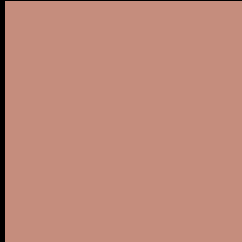
Large Text (above 18pt) WCAG AA × Fail

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 32.4007, 0.3923, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

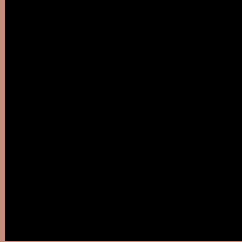
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4007, 0.3923, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 32.4007, 0.3923, 0.3507.



This preview shows how white text looks on a background with the Yxy color 32.4007, 0.3923, 0.3507.

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

32.4007, 0.3923, 0.3507

Protanopia

32.5364, 0.3439, 0.3638

Deuteranopia

32.3383, 0.3715, 0.3635



Tritanopia

32.4572, 0.3698, 0.3160

Trichromacy



Original Color

32.4007, 0.3923, 0.3507

Protanomaly

32.1938, 0.3604, 0.3583

Deuteranomaly

32.1451, 0.3794, 0.3586

Tritanomaly

32.3645, 0.3774, 0.3279

Monochromacy



Original Color

32.4007, 0.3923, 0.3507

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8355, 0.3392, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4007, 0.3923, 0.3507 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(197, 141, 125)` looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 125)  
}
```

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(197, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 125) }
```

Border

The CSS property to change the border of an element to Yxy 32.4007, 0.3923, 0.3507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

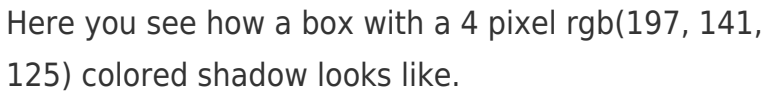
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 141, 125) }
```

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

```
.border{ border-color:rgb(197, 141, 125) }
```

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



Here you see how a box with a 4 pixel rgb(197, 141, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(197, 141,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4007, 0.3923, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 141, 125) }
```

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

```
.background{ background-color: rgb(197,  
141, 125) }
```

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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