

Converting Colors

$Yxy(32.6864, 0.3905, 0.3696)$

Have a look what the booklet for
Yxy(32.6864, 0.3905, 0.3696)
contains.

Yxy(32.6609, 0.3898, 0.3692)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.6609, 0.3898, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	BD9275
RGB	189, 146, 117
RGB Percent	74%, 57%, 46%
CMY	0.2587, 0.4275, 0.5411
CMYK	0.00, 0.23, 0.38, 0.26
HSL	24°, 35%, 60%
HSV	24°, 38%, 74%
XYZ	34.4833, 32.6609, 21.3198
YIQ	155.5510, 34.9370, 0.0970

Conversions

Conversions Part 2

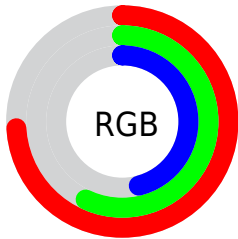
Format	Color
R_{YB}	189, 166, 117
Decimal	12423797
CIE Lab	63.89, 12.28, 21.60
CIE LCh	64, 24.842, 60.384
Yxy	32.6609, 0.3898, 0.3692
Android (android.graphics.Color)	4290613877 (0xFFBD9275)
YUV	155.5510, -19.0056, 29.3348
Hunter-Lab	57.1497, 7.6921, 17.8865

Details

The Yxy color **32.6609, 0.3898, 0.3692** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.6210, 0.2539, 0.2845**, and the grayscale version is **33.1119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9473, 0.3749, 0.3623**, and **13.6701, 0.4163, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **28.9490, 0.4173, 0.3796**, and if you desaturate by 10%, it is **36.8099, 0.3654, 0.3583**.

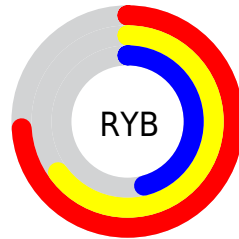
Distribution



Red (74%)

Green (57%)

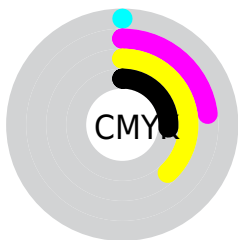
Blue (46%)



Red (74%)

Yellow (65%)

Blue (46%)

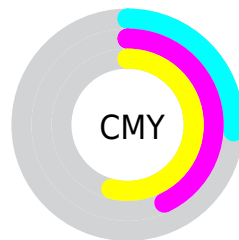


Cyan (0%)

Magenta (23%)

Yellow (38%)

Black (26%)



Cyan (26%)


Magenta (43%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6609, 0.3898, 0.3692 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 32.6609, 0.3898, 0.3692 by changing the saturation by 10% instead.


 32.6609, 0.3898,
0.3692


 32.6609, 0.3898,
0.3692


314.1190, 0.3488,
0.3491


 21.8668, 0.4008,
0.3740


 63.8457, 0.3743,
0.3620

 13.7591, 0.4153,
0.3801


 85.0053, 0.3687,
0.3592

 7.9533, 0.4352,
0.3876


 110.3888, 0.3640,
0.3569

 4.0651, 0.4638,
0.3968

140.3806, 0.3600,
0.3549

 1.7100, 0.5326,
0.4265

175.3651, 0.3566,
0.3532

 0.4301, 0.6222,
0.3778

215.7267, 0.3537,

 0.0000, 0.0000,

0.3517

0.0000

261.8499, 0.3511,
0.3503

■ 32.6609, 0.3898,
0.3692

■ 32.6609, 0.3898,
0.3692

■ 28.9490, 0.4173,
0.3796

■ 36.8099, 0.3654,
0.3583

■ 25.6543, 0.4475,
0.3885

■ 41.4060, 0.3441,
0.3474

■ 22.7619, 0.4792,
0.3949


■ 46.4644, 0.3257,
0.3370


■ 20.2540, 0.5109,
0.3974


■ 51.9984, 0.3099,
0.3272

■ 18.1110, 0.5401,
0.3950


■ 58.0204, 0.2963,
0.3181

 16.3083, 0.5647,
0.3877

 64.5426, 0.2847,
0.3097

 15.9995, 0.5693,
0.3862

 71.5767, 0.2747,
0.3021

 78.2513, 0.2728,
0.3087

 84.9784, 0.2740,
0.3211

Harmonies

Analogous

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



32.6609, 0.3853, 0.3382



32.6609, 0.3898, 0.3692



32.6609, 0.3724, 0.3924

Triad

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



32.6609, 0.3898, 0.3692



32.6609, 0.2662, 0.3506



32.6609, 0.2831, 0.2675

Complementary

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



32.6609, 0.3898, 0.3692



32.6210, 0.2539, 0.2845

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.



32.6609, 0.2543, 0.2672



32.6609, 0.3898, 0.3692



32.6609, 0.2450, 0.3126

Square

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



32.6609, 0.3898, 0.3692



32.6609, 0.3004, 0.3838



32.6609, 0.2409, 0.2827



32.6609, 0.3216, 0.2819

Rectangle

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



32.6609, 0.3898, 0.3692



32.6609, 0.3515, 0.3992



32.6609, 0.2409, 0.2827



32.6609, 0.2721, 0.2657

Sweetspot

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



32.6624, 0.3898, 0.3692



80.3076, 0.3311, 0.3402



26.0950, 0.3497, 0.2706



17.0033, 0.3335, 0.3416



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



32.6624, 0.3898, 0.3692



52.6882, 0.4134, 0.3782



45.4961, 0.3723, 0.4141



10.1495, 0.3279, 0.3383



10.9017, 0.5670, 0.3880



0.5557, 0.5235, 0.4226

Inverse Universe

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



32.6210, 0.2539, 0.2845



52.5770, 0.2411, 0.2724



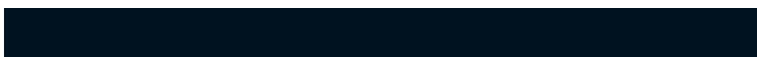
21.9277, 0.2454, 0.2264



10.1479, 0.2984, 0.3195



10.5656, 0.1870, 0.1932



0.5389, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 32.6609, 0.3898, 0.3692 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 32.6609, 0.3898, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

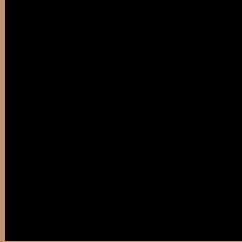
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6609, 0.3898, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 32.6609, 0.3898, 0.3692.



This preview shows how white text looks on a background with the Yxy color 32.6609, 0.3898, 0.3692.

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

32.6609, 0.3898, 0.3692

Protanopia

32.8225, 0.3555, 0.3802

Deuteranopia

32.8231, 0.3827, 0.3758



Tritanopia

32.6542, 0.3579, 0.3143

Trichromacy



Original Color

32.6609, 0.3898, 0.3692

Protanomaly

32.8112, 0.3674, 0.3759

Deuteranomaly

32.7551, 0.3854, 0.3740

Tritanomaly

32.7155, 0.3705, 0.3346

Monochromacy



Original Color

32.6609, 0.3898, 0.3692

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7343, 0.3388, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6609, 0.3898, 0.3692 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(189, 146, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 146, 117)  
}
```

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(189, 146, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 146, 117) }
```

Border

The CSS property to change the border of an element to Yxy 32.6609, 0.3898, 0.3692 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(189, 146, 117) }
```

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

```
.border{ border-color:rgb(189, 146, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 146, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 146, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 146, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 146,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6609, 0.3898, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 146, 117) }
```

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

```
.background{ background-color: rgb(189,  
146, 117) }
```

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