

Converting Colors

$Y_{xy}(33.0481, 0.3988, 0.3772)$

Have a look what the booklet for
Yxy(33.0481, 0.3988, 0.3772)
contains.

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Color

Yxy(32.9119, 0.3994, 0.3768)

Conversions

Conversions Part 1

Format	Color
Hex	C0926F
RGB	192, 146, 111
RGB Percent	75%, 57%, 44%
CMY	0.2471, 0.4274, 0.5648
CMYK	0.00, 0.24, 0.42, 0.25
HSL	26°, 39%, 59%
HSV	26°, 42%, 75%
XYZ	34.8859, 32.9119, 19.5480
YIQ	155.7640, 38.6510, -1.1330

Conversions

Conversions Part 2

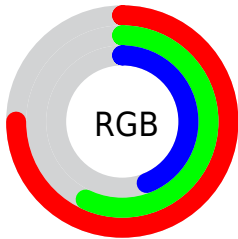
Format	Color
RYB	192, 173, 111
Decimal	12620399
CIELab	64.09, 12.78, 25.26
CIELCh	64, 28.308, 63.164
Yxy	32.9119, 0.3994, 0.3768
Android (android.graphics.Color)	4290810479 (0xFFC0926F)
YUV	155.7640, -22.0687, 31.7790
Hunter-Lab	57.3689, 8.1499, 19.9556

Details

The Yxy color **32.9119, 0.3994, 0.3768** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.2917, 0.2470, 0.2749**, and the grayscale version is **33.2226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2769, 0.3822, 0.3683**, and **13.8617, 0.4283, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **29.3328, 0.4272, 0.3875**, and if you desaturate by 10%, it is **36.9055, 0.3743, 0.3653**.

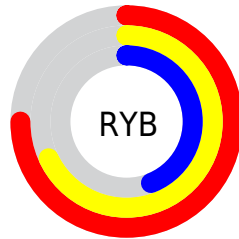
Distribution



Red (75%)

Green (57%)

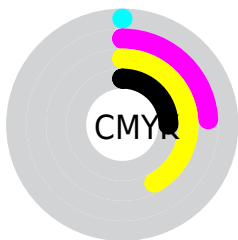
Blue (44%)



Red (75%)

Yellow (68%)

Blue (44%)

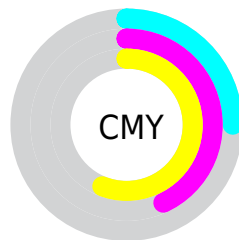


Cyan (0%)

Magenta (24%)

Yellow (42%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9119, 0.3994, 0.3768 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 32.9119, 0.3994, 0.3768 by changing the saturation by 10% instead.


 32.9119, 0.3994,
0.3768


 32.9119, 0.3994,
0.3768


315.2526, 0.3535,
0.3531


 22.0590, 0.4116,
0.3824


 64.2380, 0.3822,
0.3684

 13.9002, 0.4275,
0.3893


 85.4799, 0.3758,
0.3651

 8.0513, 0.4491,
0.3976


 110.9536, 0.3706,
0.3624

 4.1278, 0.4795,
0.4072

 141.0434, 0.3661,
0.3600

 1.7453, 0.5575,
0.4425

176.1339, 0.3623,
0.3579

 0.4527, 0.6211,
0.3789

216.6093, 0.3589,

 0.0000, 0.0000,

0.3561

0.0000

262.8540, 0.3560,
0.3545

■ 32.9119, 0.3994,
0.3768

■ 32.9119, 0.3994,
0.3768

■ 29.3328, 0.4272,
0.3875

■ 36.9055, 0.3743,
0.3653

■ 26.1488, 0.4570,
0.3962

■ 41.3228, 0.3521,
0.3535

■ 23.3454, 0.4876,
0.4018

■ 46.1786, 0.3328,
0.3421

■ 20.9054, 0.5170,
0.4030

■ 51.4855, 0.3161,
0.3313

■ 18.8095, 0.5431,
0.3989

■ 57.2554, 0.3016,
0.3212

■ 17.3925, 0.5609,
0.3929

■ 63.4998, 0.2892,
0.3118

■ 70.2299, 0.2785,
0.3033

■ 76.8235, 0.2742,
0.3053

■ 83.1947, 0.2752,
0.3173

Harmonies

Analogous

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



32.9119, 0.3970, 0.3422



32.9119, 0.3994, 0.3768



32.9119, 0.3773, 0.4024

Triad

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



32.9119, 0.3994, 0.3768



32.9119, 0.2570, 0.3494



32.9119, 0.2827, 0.2607

Complementary

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



32.9119, 0.3994, 0.3768



31.2917, 0.2470, 0.2749

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.



32.9119, 0.2491, 0.2586



32.9119, 0.3994, 0.3768



32.9119, 0.2351, 0.3062

Square

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



32.9119, 0.3994, 0.3768



32.9119, 0.2944, 0.3890



32.9119, 0.2325, 0.2739



32.9119, 0.3268, 0.2782

Rectangle

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



32.9119, 0.3994, 0.3768



32.9119, 0.3526, 0.4093



32.9119, 0.2325, 0.2739



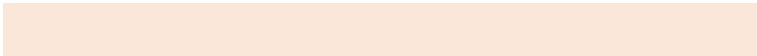
32.9119, 0.2699, 0.2582

Sweetspot

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



32.9135, 0.3994, 0.3768



82.7442, 0.3346, 0.3432



25.0492, 0.3569, 0.2660



17.3198, 0.3388, 0.3458



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.



32.9135, 0.3994, 0.3768



53.3810, 0.4261, 0.3871



47.1567, 0.3782, 0.4245



10.7780, 0.3278, 0.3390



11.8518, 0.5587, 0.3946



0.6488, 0.5201, 0.4252

Inverse Universe

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



31.2917, 0.2470, 0.2749



50.0107, 0.2328, 0.2598



20.0791, 0.2366, 0.2110



10.6757, 0.2984, 0.3188



10.0784, 0.1841, 0.1826



0.5703, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 32.9119, 0.3994, 0.3768 looks on a white background.

Color Contrast Check

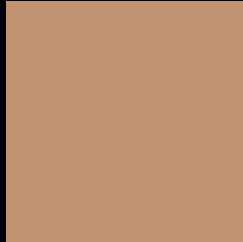
Large Text (above 18pt) WCAG AA × Fail

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 32.9119, 0.3994, 0.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

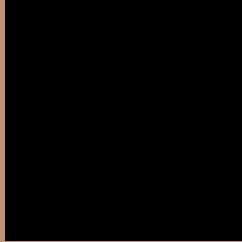
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9119, 0.3994, 0.3768

Background



This preview shows how black text looks on a background with the Yxy color 32.9119, 0.3994, 0.3768.



This preview shows how white text looks on a background with the Yxy color 32.9119, 0.3994, 0.3768.

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

32.9119, 0.3994, 0.3768

Protanopia

32.8960, 0.3635, 0.3889

Deuteranopia

32.9350, 0.3911, 0.3837



Tritanopia

33.0199, 0.3623, 0.3158

Trichromacy



Original Color

32.9119, 0.3994, 0.3768

Protanomaly

32.9015, 0.3756, 0.3842

Deuteranomaly

32.9970, 0.3949, 0.3816

Tritanomaly

33.0246, 0.3771, 0.3386

Monochromacy



Original Color

32.9119, 0.3994, 0.3768

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7849, 0.3419, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9119, 0.3994, 0.3768 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, 146, 111)` looks like.

```
.text, #text, p{  
    color:rgb(192, 146, 111)  
}
```

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, 146, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 146, 111) }
```

Border

The CSS property to change the border of an element to Yxy 32.9119, 0.3994, 0.3768 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, 146, 111) }
```

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

```
.border{ border-color:rgb(192, 146, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 146, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 146, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 146, 111);  
box-shadow:4px 4px 4px 4px rgb(192, 146,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9119, 0.3994, 0.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 146, 111) }
```

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

```
.background{ background-color: rgb(192,  
146, 111) }
```

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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