

Converting Colors

$Y_{xy}(32.8882, 0.4038, 0.3920)$

Have a look what the booklet for
Yxy(32.8882, 0.4038, 0.3920)
contains.

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Color

Yxy(32.9579, 0.4041, 0.3920)

Conversions

Conversions Part 1

Format	Color
Hex	BD9466
RGB	189, 148, 102
RGB Percent	74%, 58%, 40%
CMY	0.2588, 0.4196, 0.6000
CMYK	0.00, 0.22, 0.46, 0.26
HSL	32°, 40%, 57%
HSV	32°, 46%, 74%
XYZ	33.9752, 32.9579, 17.1432
YIQ	155.0150, 39.2020, -5.6140

Conversions

Conversions Part 2

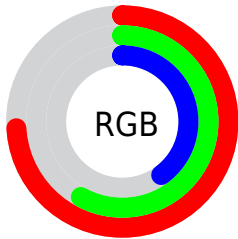
Format	Color
R _Y B	180, 189, 102
Decimal	12424294
CIE Lab	64.13, 9.48, 30.15
CIE LCh	64, 31.608, 72.555
Yxy	32.9579, 0.4041, 0.3920
Android (android.graphics.Color)	4290614374 (0xFFBD9466)
YUV	155.0150, -26.1364, 29.8048
Hunter-Lab	57.4090, 5.1724, 22.4814

Details

The Yxy color **32.9579, 0.4041, 0.3920** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1469, 0.2388, 0.2550**, and the grayscale version is **32.8913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3483, 0.3860, 0.3803**, and **13.8841, 0.4339, 0.4078** is the 20% darker color. If you saturate the color by 10%, you get **29.9383, 0.4295, 0.4043**, and if you desaturate by 10%, it is **36.2812, 0.3804, 0.3783**.

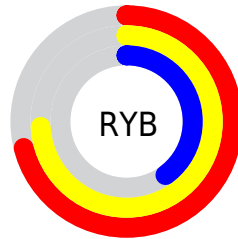
Distribution



Red (74%)

Green (58%)

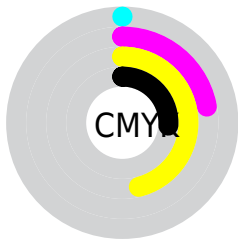
Blue (40%)



Red (71%)

Yellow (74%)

Blue (40%)

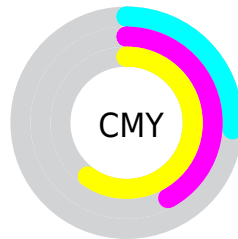


Cyan (0%)

Magenta (22%)

Yellow (46%)

Black (26%)



Cyan (26%)


Magenta (42%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9579, 0.4041, 0.3920 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 32.9579, 0.4041, 0.3920 by changing the saturation by 10% instead.


 32.9579, 0.4041,
0.3920

 32.9579, 0.4041,
0.3920


315.4600, 0.3561,
0.3605

 22.0942, 0.4166,
0.3995


 64.3098, 0.3862,
0.3807

 13.9261, 0.4326,
0.4087


 85.5668, 0.3796,
0.3764

 8.0693, 0.4539,
0.4199


 111.0570, 0.3741,
0.3728

 4.1393, 0.4831,
0.4331

 141.1648, 0.3694,
0.3696

 1.7518, 0.5400,
0.4600

176.2746, 0.3654,
0.3669

 0.4569, 0.5930,
0.4070

216.7708, 0.3619,

 0.0000, 0.0000,

0.3645

0.0000

263.0378, 0.3588,
0.3623

■ 32.9579, 0.4041,
0.3920

■ 32.9579, 0.4041,
0.3920

■ 29.9383, 0.4295,
0.4043

■ 36.2812, 0.3804,
0.3783

■ 27.2071, 0.4556,
0.4142

■ 39.9134, 0.3587,
0.3642

■ 24.7541, 0.4812,
0.4203

■ 43.8656, 0.3393,
0.3502

■ 22.5664, 0.5048,
0.4217

■ 48.1467, 0.3221,
0.3367

■ 20.6290, 0.5250,
0.4177

■ 52.7652, 0.3069,
0.3241

■ 19.9196, 0.5325,
0.4154

■ 57.7292, 0.2937,
0.3123

■ 63.0467, 0.2821,
0.3014

■ 68.7250, 0.2720,
0.2914

■ 73.6200, 0.2719,
0.2996

Harmonies

Analogous

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



32.9579, 0.4109, 0.3554



32.9579, 0.4041, 0.3920



32.9579, 0.3721, 0.4158

Triad

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



32.9579, 0.4041, 0.3920



32.9579, 0.2411, 0.3359



32.9579, 0.2937, 0.2580

Complementary

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



32.9579, 0.4041, 0.3920



26.1469, 0.2388, 0.2550

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.



32.9579, 0.2520, 0.2499



32.9579, 0.4041, 0.3920



32.9579, 0.2236, 0.2901

Square

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



32.9579, 0.4041, 0.3920



32.9579, 0.2777, 0.3843



32.9579, 0.2275, 0.2602



32.9579, 0.3441, 0.2817

Rectangle

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



32.9579, 0.4041, 0.3920



32.9579, 0.3419, 0.4185



32.9579, 0.2275, 0.2602



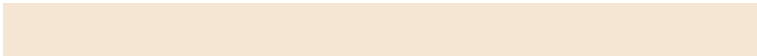
32.9579, 0.2782, 0.2534

Sweetspot

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



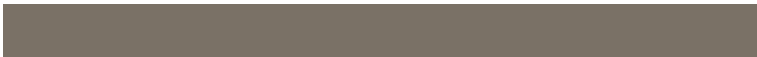
32.9595, 0.4041, 0.3920



79.9000, 0.3360, 0.3477



22.3390, 0.3744, 0.2717



16.8378, 0.3399, 0.3507



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.



32.9595, 0.4041, 0.3920



53.6942, 0.4291, 0.4042



47.9904, 0.3786, 0.4408



10.3488, 0.3275, 0.3411



13.5563, 0.5307, 0.4168



0.6610, 0.4971, 0.4435

Inverse Universe

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



26.1469, 0.2388, 0.2550



40.0290, 0.2234, 0.2355



16.0895, 0.2280, 0.1873



9.9469, 0.2984, 0.3166



7.4381, 0.1751, 0.1503



0.4224, 0.1878, 0.1959

Previews

White Background



This preview shows how the Yxy color 32.9579, 0.4041, 0.3920 looks on a white background.

Color Contrast Check

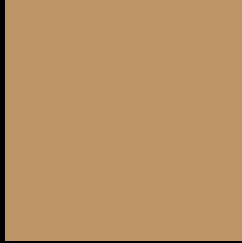
Large Text (above 18pt) WCAG AA × Fail

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 32.9579, 0.4041, 0.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

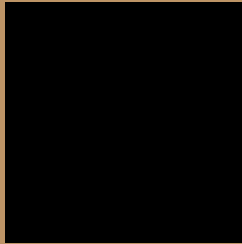
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9579, 0.4041, 0.3920

Background



This preview shows how black text looks on a background with the Yxy color 32.9579, 0.4041, 0.3920.



This preview shows how white text looks on a background with the Yxy color 32.9579, 0.4041, 0.3920.

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

32.9579, 0.4041, 0.3920

Protanopia

33.2319, 0.3748, 0.4043

Deuteranopia

33.0190, 0.4013, 0.3939



Tritanopia

33.0823, 0.3587, 0.3157

Trichromacy



Original Color

32.9579, 0.4041, 0.3920

Protanomaly

33.0120, 0.3849, 0.3997

Deuteranomaly

33.1456, 0.4024, 0.3936

Tritanomaly

32.8742, 0.3756, 0.3428

Monochromacy



Original Color

32.9579, 0.4041, 0.3920

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4495, 0.3438, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9579, 0.4041, 0.3920 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, 148, 102)` looks like.

```
.text, #text, p{  
    color:rgb(189, 148, 102)  
}
```

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, 148, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 148, 102) }
```

Border

The CSS property to change the border of an element to Yxy 32.9579, 0.4041, 0.3920 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, 148, 102) }
```

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

```
.border{ border-color:rgb(189, 148, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 148, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 148, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 148, 102);  
box-shadow:4px 4px 4px 4px rgb(189, 148,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9579, 0.4041, 0.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 148, 102) }
```

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

```
.background{ background-color: rgb(189,  
148, 102) }
```

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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