

Converting Colors

$Y_{xy}(32.8207, 0.4278, 0.4193)$

Have a look what the booklet for
Yxy(32.8207, 0.4278, 0.4193)
contains.

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Color

Yxy(32.8207, 0.4278, 0.4193)

Conversions

Conversions Part 1

Format	Color
Hex	BF944F
RGB	191, 148, 79
RGB Percent	75%, 58%, 31%
CMY	0.2510, 0.4196, 0.6902
CMYK	0.00, 0.23, 0.59, 0.25
HSL	37°, 47%, 53%
HSV	37°, 59%, 75%
XYZ	33.4860, 32.8207, 11.9682
YIQ	152.9910, 47.7770, -12.3430

Conversions

Conversions Part 2

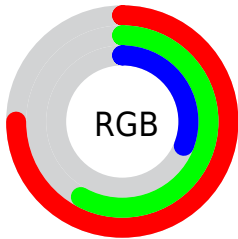
Format	Color
R_{YB}	149, 191, 79
Decimal	12555343
CIE _{Lab}	64.02, 8.24, 42.15
CIE _{LCh}	64, 42.952, 78.934
Yxy	32.8207, 0.4278, 0.4193
Android (android.graphics.Color)	4290745423 (0xFFBF944F)
YUV	152.9910, -36.4776, 33.3339
Hunter-Lab	57.2894, 4.0782, 27.7164

Details

The Yxy color **32.8207, 0.4278, 0.4193** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.3412, 0.2154, 0.2127**, and the grayscale version is **31.9982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1768, 0.4065, 0.4040**, and **13.8974, 0.4585, 0.4415** is the 20% darker color. If you saturate the color by 10%, you get **30.3552, 0.4502, 0.4301**, and if you desaturate by 10%, it is **35.5150, 0.4051, 0.4056**.

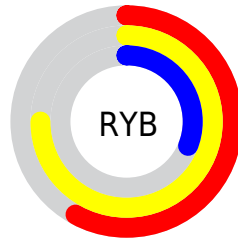
Distribution



Red (75%)

Green (58%)

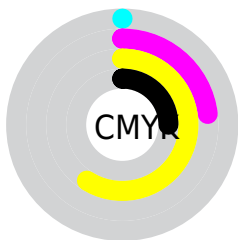
Blue (31%)



Red (58%)

Yellow (75%)

Blue (31%)

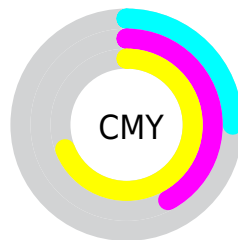


Cyan (0%)

Magenta (23%)

Yellow (59%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8207, 0.4278, 0.4193 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 32.8207, 0.4278, 0.4193 by changing the saturation by 10% instead.


 32.8207, 0.4278,
0.4193

 32.8207, 0.4278,
0.4193


314.8410, 0.3686,
0.3750


 21.9891, 0.4422,
0.4291


 64.0955, 0.4064,
0.4039


 13.8489, 0.4599,
0.4404


 85.3075, 0.3983,
0.3979

 8.0157, 0.4815,
0.4527


 110.7485, 0.3914,
0.3927

 4.1050, 0.5223,
0.4777

 140.8027, 0.3855,
0.3882

 1.7325, 0.5336,
0.4664

 175.8547, 0.3804,
0.3843

 0.4445, 0.5839,
0.4161

216.2889, 0.3760,

 0.0000, 0.0000,

0.3808

0.0000

262.4895, 0.3721,
0.3778

■ 32.8207, 0.4278,
0.4193

■ 32.8207, 0.4278,
0.4193

■ 30.3552, 0.4502,
0.4301

■ 35.5150, 0.4051,
0.4056

■ 28.1039, 0.4713,
0.4369

■ 38.4421, 0.3832,
0.3902

■ 26.0575, 0.4898,
0.4388

■ 41.6117, 0.3625,
0.3740

■ 24.1994, 0.5053,
0.4358

■ 45.0315, 0.3434,
0.3578

■ 23.9573, 0.5074,
0.4353

■ 48.7086, 0.3262,
0.3420

■ 52.6499, 0.3107,
0.3270

■ 56.8617, 0.2969,
0.3129

■ 61.3504, 0.2848,
0.2999

■ 66.1218, 0.2740,
0.2879

Harmonies

Analogous

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



32.8207, 0.4471, 0.3716



32.8207, 0.4278, 0.4193



32.8207, 0.3779, 0.4500

Triad

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



32.8207, 0.4278, 0.4193



32.8207, 0.2101, 0.3220



32.8207, 0.3000, 0.2411

Complementary

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



32.8207, 0.4278, 0.4193



19.3412, 0.2154, 0.2127

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.



32.8207, 0.2415, 0.2256



32.8207, 0.4278, 0.4193



32.8207, 0.1944, 0.2642

Square

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



32.8207, 0.4278, 0.4193



32.8207, 0.2523, 0.3925



32.8207, 0.2052, 0.2322



32.8207, 0.3691, 0.2748

Rectangle

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



32.8207, 0.4278, 0.4193



32.8207, 0.3356, 0.4508



32.8207, 0.2052, 0.2322



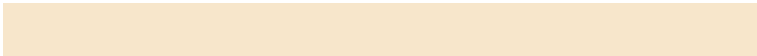
32.8207, 0.2785, 0.2337

Sweetspot

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



32.8223, 0.4278, 0.4193



80.8798, 0.3428, 0.3572



18.1187, 0.4162, 0.2702



17.3526, 0.3482, 0.3620



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.



32.8223, 0.4278, 0.4193



53.3374, 0.4556, 0.4322



47.5020, 0.3849, 0.4711



10.4886, 0.3273, 0.3431



15.9052, 0.5059, 0.4365



0.7460, 0.4800, 0.4570

Inverse Universe

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



19.3412, 0.2154, 0.2127



27.1526, 0.1966, 0.1831



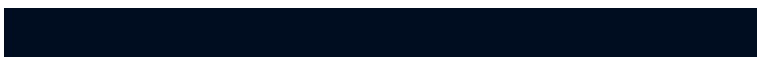
11.5383, 0.2091, 0.1468



9.8096, 0.2984, 0.3145



5.7762, 0.1677, 0.1237



0.3537, 0.1815, 0.1732

Previews

White Background



This preview shows how the Yxy color 32.8207, 0.4278, 0.4193 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 32.8207, 0.4278, 0.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

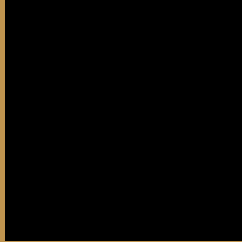
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8207, 0.4278, 0.4193

Background



This preview shows how black text looks on a background with the Yxy color 32.8207, 0.4278, 0.4193.



This preview shows how white text looks on a background with the Yxy color 32.8207, 0.4278, 0.4193.

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

32.8207, 0.4278, 0.4193

Protanopia

33.0441, 0.3973, 0.4347

Deuteranopia

32.8207, 0.4278, 0.4193



Tritanopia

32.8608, 0.3636, 0.3145

Trichromacy



Original Color

32.8207, 0.4278, 0.4193

Protanomaly

32.8415, 0.4080, 0.4290

Deuteranomaly

32.8207, 0.4278, 0.4193

Tritanomaly

32.7277, 0.3892, 0.3535

Monochromacy



Original Color

32.8207, 0.4278, 0.4193

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8551, 0.3541, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8207, 0.4278, 0.4193 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(191, 148, 79)` looks like.

```
.text, #text, p{  
    color:rgb(191, 148, 79)  
}
```

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(191, 148, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 148, 79) }
```

Border

The CSS property to change the border of an element to Yxy 32.8207, 0.4278, 0.4193 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(191, 148, 79) }
```

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

```
.border{ border-color:rgb(191, 148, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 148, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 148, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 148, 79);  
box-shadow:4px 4px 4px 4px rgb(191, 148,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8207, 0.4278, 0.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 148, 79) }
```

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

```
.background{ background-color: rgb(191,  
148, 79) }
```

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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