

Converting Colors

$Y_{xy}(24.4680, 0.4132, 0.3396)$

Have a look what the booklet for
Yxy(24.4680, 0.4132, 0.3396)
contains.

Yxy(24.4132, 0.4122, 0.3392)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4132, 0.4122, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	BB756E
RGB	187, 117, 110
RGB Percent	73%, 46%, 43%
CMY	0.2667, 0.5411, 0.5687
CMYK	0.00, 0.37, 0.41, 0.27
HSL	5°, 36%, 58%
HSV	5°, 41%, 73%
XYZ	29.6672, 24.4132, 17.8925
YIQ	137.1320, 43.9670, 12.6630

Conversions

Conversions Part 2

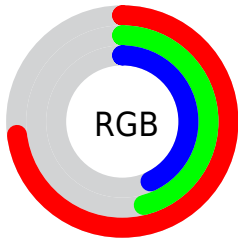
Format	Color
RYB	187, 118, 110
Decimal	12285294
CIELab	56.50, 26.67, 15.45
CIELCh	56, 30.825, 30.084
Yxy	24.4132, 0.4122, 0.3392
Android (android.graphics.Color)	4290475374 (0xFFBB756E)
YUV	137.1320, -13.3761, 43.7342
Hunter-Lab	49.4097, 20.7103, 13.1165

Details

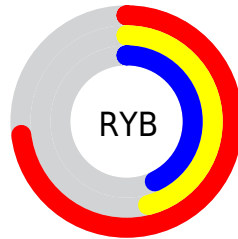
The Yxy color $24.4132, 0.4122, 0.3392$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $39.5264, 0.2553, 0.3182$, and the grayscale version is $25.1081, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7706, 0.3898, 0.3380$, and $9.3073, 0.4503, 0.3408$ is the 20% darker color. If you saturate the color by 10%, you get $20.4423, 0.4501, 0.3414$, and if you desaturate by 10%, it is $29.1911, 0.3801, 0.3367$.

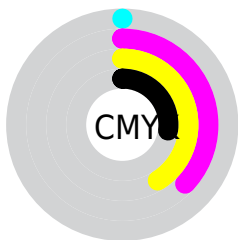
Distribution



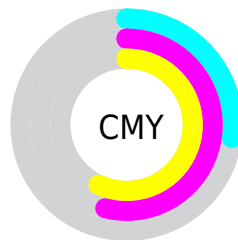
- Red (73%)
- Green (46%)
- Blue (43%)



- Red (73%)
- Yellow (46%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (41%)
- Black (27%)





- Cyan (27%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4132, 0.4122, 0.3392 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 24.4132, 0.4122, 0.3392 by changing the saturation by 10% instead.


 24.4132, 0.4122,
0.3392


 24.4132, 0.4122,
0.3392


274.9029, 0.3566,
0.3354


 15.6404, 0.4283,
0.3394


 50.7036, 0.3904,
0.3383

 9.2701, 0.4503,
0.3391


 68.9901, 0.3828,
0.3378

 4.9178, 0.4821,
0.3374

 91.2166, 0.3764,
0.3373

 2.1991, 0.5315,
0.3315

 117.7674, 0.3712,
0.3368

 0.7195, 0.6664,
0.3336

149.0271, 0.3667,
0.3364

 0.0000, 1.0000,
0.0000

185.3800, 0.3628,

 0.0000, 0.0000,

0.3360

0.0000

227.2104, 0.3595,
0.3357

■ 24.4132, 0.4122,
0.3392

■ 24.4132, 0.4122,
0.3392

■ 20.4423, 0.4501,
0.3414

■ 29.1911, 0.3801,
0.3367

■ 17.2305, 0.4930,
0.3429

■ 34.8132, 0.3537,
0.3341

■ 14.7302, 0.5381,
0.3431

■ 41.3191, 0.3321,
0.3316


■ 12.8871, 0.5805,
0.3416


■ 48.7445, 0.3146,
0.3293

■ 11.6391, 0.6138,
0.3384

■ 57.1232, 0.3003,
0.3271

 10.9677, 0.6331,
0.3355

 66.4874, 0.2887,
0.3252

 76.8678, 0.2791,
0.3234

 87.9957, 0.2734,
0.3267

 89.3042, 0.2736,
0.3289

Harmonies

Analogous

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



24.4132, 0.3765, 0.2987



24.4132, 0.4122, 0.3392



24.4132, 0.4179, 0.3807

Triad

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



24.4132, 0.4122, 0.3392



24.4132, 0.2953, 0.4063



24.4132, 0.2342, 0.2463

Complementary

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



24.4132, 0.4122, 0.3392



39.5264, 0.2553, 0.3182

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.



24.4132, 0.2171, 0.2657



24.4132, 0.4122, 0.3392



24.4132, 0.2498, 0.3589

Square

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



24.4132, 0.4122, 0.3392



24.4132, 0.3479, 0.4262



24.4132, 0.2223, 0.3056



24.4132, 0.2717, 0.2473

Rectangle

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



24.4132, 0.4122, 0.3392



24.4132, 0.4044, 0.4045



24.4132, 0.2223, 0.3056



24.4132, 0.2261, 0.2504

Sweetspot

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



24.4144, 0.4122, 0.3392



72.7626, 0.3341, 0.3318



25.0291, 0.3245, 0.2363



15.6721, 0.3367, 0.3322



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.



24.4144, 0.4122, 0.3392



37.5244, 0.4445, 0.3411



35.0997, 0.3899, 0.3909



9.6728, 0.3286, 0.3312



7.6054, 0.6319, 0.3365



0.3458, 0.6044, 0.3583

Inverse Universe

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



39.5264, 0.2553, 0.3182



68.0557, 0.2458, 0.3157



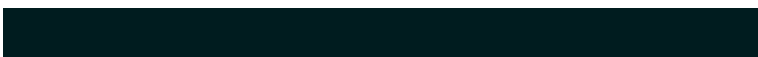
26.2664, 0.2456, 0.2573



10.6564, 0.2985, 0.3268



22.3141, 0.2168, 0.3005



0.9181, 0.2188, 0.3078

Previews

White Background



This preview shows how the Yxy color 24.4132, 0.4122, 0.3392 looks on a white background.

Color Contrast Check

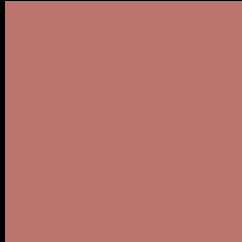
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4132, 0.4122, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

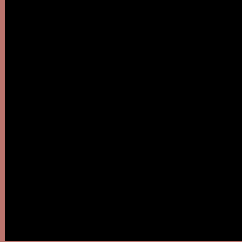
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4132, 0.4122, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 24.4132, 0.4122, 0.3392.



This preview shows how white text looks on a background with the Yxy color 24.4132, 0.4122, 0.3392.

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

24.4132, 0.4122, 0.3392

Protanopia

24.6910, 0.3377, 0.3580

Deuteranopia

24.6862, 0.3725, 0.3661



Tritanopia

24.4081, 0.3958, 0.3166

Trichromacy



Original Color

24.4132, 0.4122, 0.3392

Protanomaly

24.2306, 0.3627, 0.3501

Deuteranomaly

24.4609, 0.3862, 0.3554

Tritanomaly

24.5141, 0.4020, 0.3251

Monochromacy



Original Color

24.4132, 0.4122, 0.3392

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.4661, 0.3458, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4132, 0.4122, 0.3392 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(187, 117, 110)` looks like.

```
.text, #text, p{  
    color:rgb(187, 117, 110)  
}
```

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(187, 117, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 117, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.4132, 0.4122, 0.3392 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(187, 117, 110) }
```

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

```
.border{ border-color:rgb(187, 117, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 117, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 117, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 117, 110);  
box-shadow:4px 4px 4px 4px rgb(187, 117,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4132, 0.4122, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 117, 110) }
```

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

```
.background{ background-color: rgb(187,  
117, 110) }
```

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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