

Converting Colors

$Y_{xy}(24.5332, 0.4093, 0.3315)$

Have a look what the booklet for
Yxy(24.5332, 0.4093, 0.3315)
contains.

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Color

Yxy(24.5245, 0.4099, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	BD7472
RGB	189, 116, 114
RGB Percent	74%, 45%, 45%
CMY	0.2588, 0.5451, 0.5530
CMYK	0.00, 0.39, 0.40, 0.26
HSL	2°, 36%, 59%
HSV	2°, 40%, 74%
XYZ	30.2698, 24.5245, 19.0525
YIQ	137.5990, 44.1500, 14.8540

Conversions

Conversions Part 2

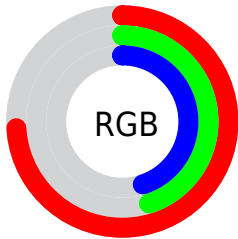
Format	Color
R _Y B	189, 116, 114
Decimal	12416114
CIE Lab	56.61, 28.48, 13.32
CIE LCh	57, 31.442, 25.071
Yxy	24.5245, 0.4099, 0.3321
Android (android.graphics.Color)	4290606194 (0xFFBD7472)
YUV	137.5990, -11.6343, 45.0787
Hunter-Lab	49.5222, 22.4418, 11.8552

Details

The Yxy color **24.5245, 0.4099, 0.3321** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.7871, 0.2581, 0.3259**, and the grayscale version is **25.2878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9033, 0.3882, 0.3325**, and **9.2763, 0.4476, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **20.3102, 0.4488, 0.3328**, and if you desaturate by 10%, it is **29.6696, 0.3773, 0.3313**.

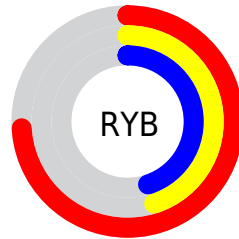
Distribution



Red (74%)

Green (45%)

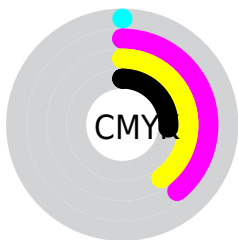
Blue (45%)



Red (74%)

Yellow (45%)

Blue (45%)

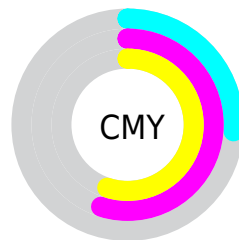


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (26%)



Cyan (26%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5245, 0.4099, 0.3321 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 24.5245, 0.4099, 0.3321 by changing the saturation by 10% instead.


 24.5245, 0.4099,
0.3321


 24.5245, 0.4099,
0.3321


275.4616, 0.3556,
0.3320

 15.7231, 0.4256,
0.3314


 50.8848, 0.3887,
0.3325

 9.3285, 0.4471,
0.3299


 69.2125, 0.3812,
0.3326

 4.9560, 0.4783,
0.3266

 91.4844, 0.3750,
0.3325

 2.2215, 0.5270,
0.3188

 118.0850, 0.3698,
0.3324

 0.7317, 0.6749,
0.3251

149.3986, 0.3655,
0.3323

 0.0000, 1.0000,
0.0000

185.8096, 0.3617,

 0.0000, 0.0000,

0.3322

0.0000

227.7025, 0.3585,
0.3321

■ 24.5245, 0.4099,
0.3321

■ 24.5245, 0.4099,
0.3321

■ 20.3102, 0.4488,
0.3328

■ 29.6696, 0.3773,
0.3313

■ 16.9677, 0.4933,
0.3333

■ 35.7925, 0.3508,
0.3305

■ 14.4370, 0.5404,
0.3335


■ 42.9416, 0.3294,
0.3297

■ 12.6492, 0.5843,
0.3331


■ 51.1609, 0.3122,
0.3290

■ 11.5236, 0.6179,
0.3322

■ 60.4918, 0.2984,
0.3283

 10.9439, 0.6377,
0.3315

 70.9736, 0.2872,
0.3277

 10.9304, 0.6382,
0.3315

 82.6437, 0.2781,
0.3272

 89.5600, 0.2747,
0.3289

Harmonies

Analogous

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



24.5245, 0.3693, 0.2919



24.5245, 0.4099, 0.3321



24.5245, 0.4211, 0.3746

Triad

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



24.5245, 0.4099, 0.3321



24.5245, 0.3038, 0.4136



24.5245, 0.2284, 0.2467

Complementary

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



24.5245, 0.4099, 0.3321



42.7871, 0.2581, 0.3259

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.



24.5245, 0.2148, 0.2699



24.5245, 0.4099, 0.3321



24.5245, 0.2554, 0.3687

Square

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



24.5245, 0.4099, 0.3321



24.5245, 0.3571, 0.4281



24.5245, 0.2239, 0.3136



24.5245, 0.2633, 0.2444

Rectangle

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



24.5245, 0.4099, 0.3321



24.5245, 0.4106, 0.4001



24.5245, 0.2239, 0.3136



24.5245, 0.2214, 0.2520

Sweetspot

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



24.5257, 0.4099, 0.3321



73.5264, 0.3343, 0.3299



26.4711, 0.3186, 0.2339



15.4437, 0.3370, 0.3300



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.



24.5257, 0.4099, 0.3321



37.0041, 0.4450, 0.3328



34.7340, 0.3893, 0.3823



9.5764, 0.3288, 0.3297



7.3716, 0.6377, 0.3318



0.3030, 0.6287, 0.3390

Inverse Universe

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



42.7871, 0.2581, 0.3259



74.4039, 0.2486, 0.3251



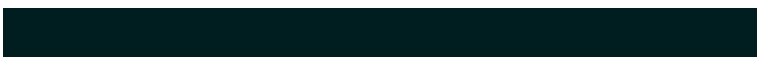
29.1419, 0.2493, 0.2684



10.7643, 0.2985, 0.3283



25.5321, 0.2224, 0.3206



1.0141, 0.2230, 0.3227

Previews

White Background



This preview shows how the Yxy color 24.5245, 0.4099, 0.3321 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 24.5245, 0.4099, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

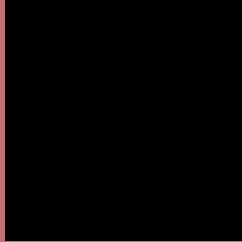
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5245, 0.4099, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 24.5245, 0.4099, 0.3321.



This preview shows how white text looks on a background with the Yxy color 24.5245, 0.4099, 0.3321.

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

24.5245, 0.4099, 0.3321

Protanopia

24.8143, 0.3322, 0.3494

Deuteranopia

24.6494, 0.3678, 0.3614



Tritanopia

24.6387, 0.3995, 0.3181

Trichromacy



Original Color

24.5245, 0.4099, 0.3321

Protanomaly

24.4275, 0.3592, 0.3435

Deuteranomaly

24.5266, 0.3825, 0.3507

Tritanomaly

24.5647, 0.4036, 0.3223

Monochromacy



Original Color

24.5245, 0.4099, 0.3321

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7183, 0.3458, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5245, 0.4099, 0.3321 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, 116, 114)` looks like.

```
.text, #text, p{  
    color:rgb(189, 116, 114)  
}
```

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, 116, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 116, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.5245, 0.4099, 0.3321 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, 116, 114) }
```

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

```
.border{ border-color:rgb(189, 116, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 116, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 116, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 116, 114);  
box-shadow:4px 4px 4px 4px rgb(189, 116,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5245, 0.4099, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 116, 114) }
```

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

```
.background{ background-color: rgb(189,  
116, 114) }
```

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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