

Converting Colors

$Y_{xy}(24.8975, 0.4013, 0.3251)$

Have a look what the booklet for
Yxy(24.8975, 0.4013, 0.3251)
contains.

Yxy(24.8975, 0.4013, 0.3251)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.8975, 0.4013, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	BD7578
RGB	189, 117, 120
RGB Percent	74%, 46%, 47%
CMY	0.2589, 0.5411, 0.5294
CMYK	0.00, 0.38, 0.37, 0.26
HSL	358°, 35%, 60%
HSV	358°, 38%, 74%
XYZ	30.7332, 24.8975, 20.9534
YIQ	138.8700, 41.9490, 16.1970

Conversions

Conversions Part 2

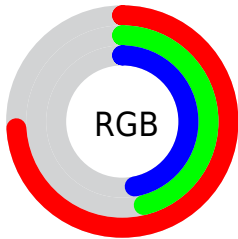
Format	Color
R _Y B	189, 117, 120
Decimal	12416376
CIE Lab	56.98, 28.63, 10.35
CIE LCh	57, 30.448, 19.876
Yxy	24.8975, 0.4013, 0.3251
Android (android.graphics.Color)	4290606456 (0xFFBD7578)
YUV	138.8700, -9.3029, 43.9640
Hunter-Lab	49.8974, 22.6227, 10.0305

Details

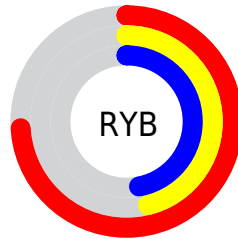
The Yxy color **24.8975, 0.4013, 0.3251** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.7136, 0.2622, 0.3332**, and the grayscale version is **25.7914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5022, 0.3821, 0.3270**, and **9.4687, 0.4341, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **20.5308, 0.4383, 0.3242**, and if you desaturate by 10%, it is **30.2388, 0.3707, 0.3261**.

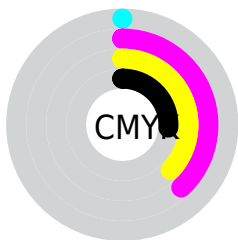
Distribution



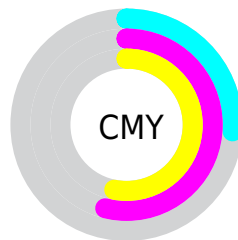
- Red (74%)
- Green (46%)
- Blue (47%)



- Red (74%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (26%)





- Cyan (26%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8975, 0.4013, 0.3251 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 24.8975, 0.4013, 0.3251 by changing the saturation by 10% instead.


 24.8975, 0.4013,
0.3251


 24.8975, 0.4013,
0.3251


277.3271, 0.3520,
0.3285


 16.0007, 0.4155,
0.3236


 51.4909, 0.3820,
0.3268

 9.5247, 0.4351,
0.3212


 69.9563, 0.3752,
0.3272

 5.0849, 0.4635,
0.3168

 92.3800, 0.3696,
0.3276

 2.2972, 0.5081,
0.3082

119.1464, 0.3649,
0.3279

 0.7722, 0.6402,
0.3124

150.6399, 0.3609,
0.3281

 0.0000, 1.0000,
0.0000

187.2450, 0.3575,

 0.0000, 0.0000,


0.3282


0.0000

229.3459, 0.3546,
0.3284

 24.8975, 0.4013,
0.3251


 24.8975, 0.4013,
0.3251


 20.5308, 0.4383,
0.3242


 30.2388, 0.3707,
0.3261


 17.0765, 0.4811,
0.3237

 36.6047, 0.3458,
0.3272


 14.4710, 0.5276,
0.3237


 44.0461, 0.3259,
0.3282


 12.6410, 0.5726,
0.3244


 52.6094, 0.3099,
0.3292


 11.5009, 0.6095,
0.3260


 62.3386, 0.2971,
0.3301

 10.9196, 0.6326,
0.3277

 73.2749, 0.2867,
0.3309

 10.8330, 0.6358,
0.3276

 85.4578, 0.2782,
0.3316

 89.5559, 0.2747,
0.3289

Harmonies

Analogous

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



24.8975, 0.3586, 0.2871



24.8975, 0.4013, 0.3251



24.8975, 0.4176, 0.3664

Triad

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



24.8975, 0.4013, 0.3251



24.8975, 0.3132, 0.4150



24.8975, 0.2274, 0.2519

Complementary

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



24.8975, 0.4013, 0.3251



43.7136, 0.2622, 0.3332

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.



24.8975, 0.2179, 0.2781



24.8975, 0.4013, 0.3251



24.8975, 0.2646, 0.3760

Square

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



24.8975, 0.4013, 0.3251



24.8975, 0.3640, 0.4235



24.8975, 0.2307, 0.3232



24.8975, 0.2579, 0.2462

Rectangle

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



24.8975, 0.4013, 0.3251



24.8975, 0.4110, 0.3920



24.8975, 0.2307, 0.3232



24.8975, 0.2218, 0.2583

Sweetspot

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



24.8987, 0.4013, 0.3251



74.5667, 0.3316, 0.3279



26.7615, 0.3132, 0.2351



15.6404, 0.3342, 0.3278



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.



24.8987, 0.4013, 0.3251



37.7330, 0.4329, 0.3243



33.7223, 0.3880, 0.3738



9.5426, 0.3282, 0.3281



7.2936, 0.6348, 0.3271



0.2879, 0.6152, 0.3163

Inverse Universe

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



24.8987, 0.4013, 0.3251



37.7330, 0.4329, 0.3243



31.4336, 0.2531, 0.2791



9.5426, 0.3282, 0.3281



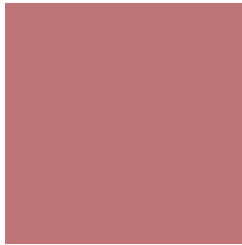
7.2936, 0.6348, 0.3271



0.2879, 0.6152, 0.3163

Previews

White Background



This preview shows how the Yxy color 24.8975, 0.4013, 0.3251 looks on a white background.

Color Contrast Check

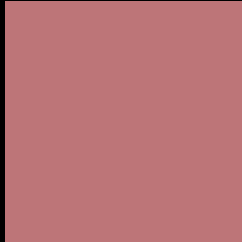
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8975, 0.4013, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

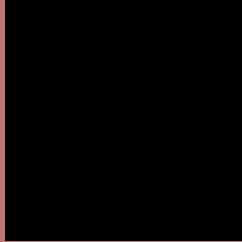
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8975, 0.4013, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 24.8975, 0.4013, 0.3251.



This preview shows how white text looks on a background with the Yxy color 24.8975, 0.4013, 0.3251.

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

24.8975, 0.4013, 0.3251

Protanopia

25.1657, 0.3245, 0.3408

Deuteranopia

24.9550, 0.3591, 0.3533



Tritanopia

24.7903, 0.3952, 0.3167

Trichromacy



Original Color

24.8975, 0.4013, 0.3251

Protanomaly

24.7407, 0.3505, 0.3355

Deuteranomaly

24.9218, 0.3747, 0.3430

Tritanomaly

24.7397, 0.3978, 0.3195

Monochromacy



Original Color

24.8975, 0.4013, 0.3251

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0666, 0.3421, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8975, 0.4013, 0.3251 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, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(189, 117, 120)  
}
```

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, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 117, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.8975, 0.4013, 0.3251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

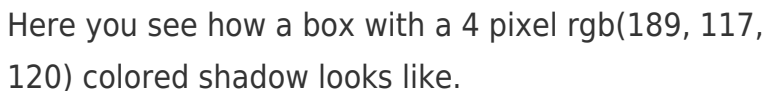
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 117, 120) }
```

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

```
.border{ border-color:rgb(189, 117, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 117, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 117, 120); box-shadow:4px 4px 4px 4px rgb(189, 117, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8975, 0.4013, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 117, 120) }
```

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

```
.background{ background-color: rgb(189,  
117, 120) }
```

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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