

Converting Colors

$Yxy(24.6424, 0.3911, 0.3179)$

Have a look what the booklet for
Yxy(24.6424, 0.3911, 0.3179)
contains.

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Color

Yxy(24.6424, 0.3911, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	BA757D
RGB	186, 117, 125
RGB Percent	73%, 46%, 49%
CMY	0.2705, 0.5412, 0.5098
CMYK	0.00, 0.37, 0.33, 0.27
HSL	353°, 33%, 59%
HSV	353°, 37%, 73%
XYZ	30.3166, 24.6424, 22.5572
YIQ	138.5430, 38.5560, 17.1160

Conversions

Conversions Part 2

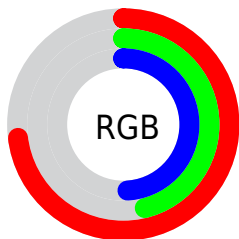
Format	Color
R_{YB}	186, 117, 125
Decimal	12219773
CIE _{Lab}	56.73, 28.15, 7.05
CIE _{LCh}	57, 29.023, 14.052
Yxy	24.6424, 0.3911, 0.3179
Android (android.graphics.Color)	4290409853 (0xFFBA757D)
YUV	138.5430, -6.6767, 41.6198
Hunter-Lab	49.6411, 22.1407, 7.8071

Details

The Yxy color **24.6424, 0.3911, 0.3179** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.1251, 0.2665, 0.3408**, and the grayscale version is **25.6495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1969, 0.3738, 0.3204**, and **9.3614, 0.4223, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **20.3452, 0.4243, 0.3151**, and if you desaturate by 10%, it is **29.8730, 0.3636, 0.3210**.

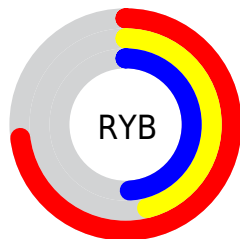
Distribution



Red (73%)

Green (46%)

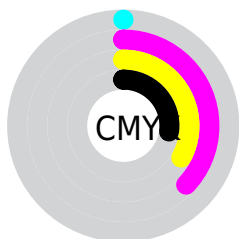
Blue (49%)



Red (73%)

Yellow (46%)

Blue (49%)

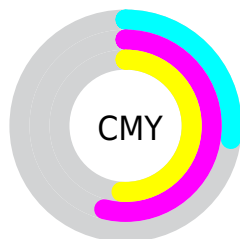


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6424, 0.3911, 0.3179 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 24.6424, 0.3911, 0.3179 by changing the saturation by 10% instead.


 24.6424, 0.3911,
0.3179


 24.6424, 0.3911,
0.3179


276.0524, 0.3474,
0.3248

 15.8108, 0.4037,
0.3156


 51.0765, 0.3740,
0.3208

 9.3904, 0.4211,
0.3121

 69.4478, 0.3680,
0.3218

 4.9967, 0.4465,
0.3066

 91.7678, 0.3630,
0.3226

 2.2453, 0.4868,
0.2967

118.4210, 0.3589,
0.3232

 0.7445, 0.5894,
0.2877

149.7916, 0.3554,
0.3237

 0.0000, 1.0000,
0.0000


186.2641, 0.3524,


 0.0000, 0.0000,


0.3242

0.0000


228.2229, 0.3497,
0.3245


 24.6424, 0.3911,
0.3179


 24.6424, 0.3911,
0.3179


 20.3452, 0.4243,
0.3151

 29.8730, 0.3636,
0.3210

 16.9229, 0.4633,
0.3130


 36.0835, 0.3413,
0.3241


 14.3165, 0.5065,
0.3122


 43.3219, 0.3233,
0.3270

 12.4577, 0.5506,
0.3132


 51.6317, 0.3088,
0.3298


 11.2673, 0.5901,
0.3164

 61.0542, 0.2971,
0.3323

 10.6349, 0.6193,
0.3212

 71.6282, 0.2876,
0.3346

 10.4984, 0.6260,
0.3222

 83.3910, 0.2799,
0.3367

 89.1822, 0.2731,
0.3289

Harmonies

Analogous

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



24.6424, 0.3470, 0.2827



24.6424, 0.3911, 0.3179



24.6424, 0.4124, 0.3576

Triad

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



24.6424, 0.3911, 0.3179



24.6424, 0.3231, 0.4151



24.6424, 0.2274, 0.2584

Complementary

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



24.6424, 0.3911, 0.3179



42.1251, 0.2665, 0.3408

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.



24.6424, 0.2224, 0.2876



24.6424, 0.3911, 0.3179



24.6424, 0.2750, 0.3828

Square

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



24.6424, 0.3911, 0.3179



24.6424, 0.3706, 0.4174



24.6424, 0.2389, 0.3334



24.6424, 0.2530, 0.2490

Rectangle

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



24.6424, 0.3911, 0.3179



24.6424, 0.4100, 0.3829



24.6424, 0.2389, 0.3334



24.6424, 0.2233, 0.2660

Sweetspot

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



24.6436, 0.3911, 0.3179



72.9280, 0.3302, 0.3258



25.7287, 0.3081, 0.2361



15.6656, 0.3326, 0.3254



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.



24.6436, 0.3911, 0.3179



37.8329, 0.4194, 0.3155



31.5083, 0.3878, 0.3663



9.0287, 0.3270, 0.3264



7.0668, 0.6238, 0.3210



0.2547, 0.5731, 0.2931

Inverse Universe

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



24.6436, 0.3911, 0.3179



37.8329, 0.4194, 0.3155



32.3179, 0.2557, 0.2880



9.0287, 0.3270, 0.3264



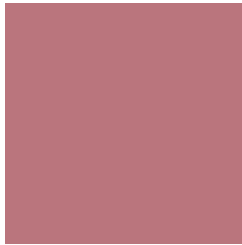
7.0668, 0.6238, 0.3210



0.2547, 0.5731, 0.2931

Previews

White Background



This preview shows how the Yxy color 24.6424, 0.3911, 0.3179 looks on a white background.

Color Contrast Check

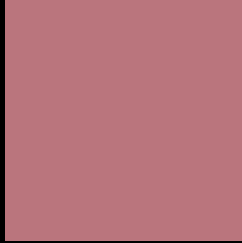
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6424, 0.3911, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

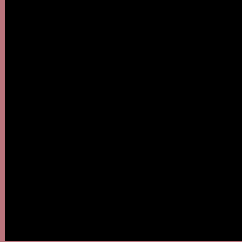
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6424, 0.3911, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 24.6424, 0.3911, 0.3179.



This preview shows how white text looks on a background with the Yxy color 24.6424, 0.3911, 0.3179.

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

24.6424, 0.3911, 0.3179

Protanopia

24.8466, 0.3171, 0.3307

Deuteranopia

24.8762, 0.3509, 0.3453



Tritanopia

24.6680, 0.3897, 0.3165

Trichromacy



Original Color

24.6424, 0.3911, 0.3179

Protanomaly

24.4071, 0.3426, 0.3259

Deuteranomaly

24.7158, 0.3649, 0.3354

Tritanomaly

24.6680, 0.3897, 0.3165

Monochromacy



Original Color

24.6424, 0.3911, 0.3179

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0217, 0.3387, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6424, 0.3911, 0.3179 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(186, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(186, 117, 125)  
}
```

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(186, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 117, 125) }
```

Border

The CSS property to change the border of an element to Yxy 24.6424, 0.3911, 0.3179 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(186, 117, 125) }
```

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

```
.border{ border-color:rgb(186, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(186, 117,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6424, 0.3911, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 117, 125) }
```

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

```
.background{ background-color: rgb(186,  
117, 125) }
```

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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