

Converting Colors

$Y_{xy}(24.4883, 0.3954, 0.3194)$

Have a look what the booklet for
Yxy(24.4883, 0.3954, 0.3194)
contains.

Yxy(24.4856, 0.3954, 0.3194)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4856, 0.3954, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	BB747B
RGB	187, 116, 123
RGB Percent	73%, 45%, 48%
CMY	0.2667, 0.5451, 0.5177
CMYK	0.00, 0.38, 0.34, 0.27
HSL	354°, 34%, 59%
HSV	354°, 38%, 73%
XYZ	30.3119, 24.4856, 21.8638
YIQ	138.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

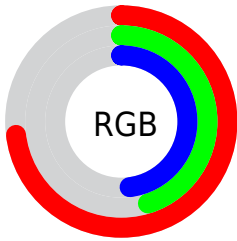
Format	Color
R_{YB}	187, 116, 123
Decimal	12285051
CIE _{Lab}	56.57, 28.80, 8.01
CIE _{LCh}	57, 29.895, 15.532
Yxy	24.4856, 0.3954, 0.3194
Android (android.graphics.Color)	4290475131 (0xFFBB747B)
YUV	138.0270, -7.4083, 42.9493
Hunter-Lab	49.4829, 22.7490, 8.4411

Details

The Yxy color **24.4856, 0.3954, 0.3194** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.5464, 0.2648, 0.3393**, and the grayscale version is **25.4444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8836, 0.3778, 0.3227**, and **9.2964, 0.4291, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **20.2141, 0.4299, 0.3171**, and if you desaturate by 10%, it is **29.6999, 0.3668, 0.3220**.

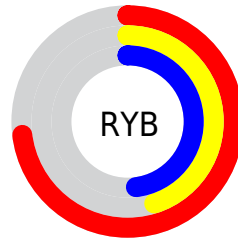
Distribution



Red (73%)

Green (45%)

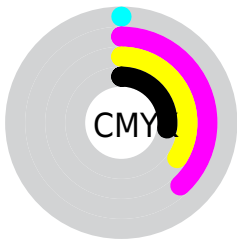
Blue (48%)



Red (73%)

Yellow (45%)

Blue (48%)

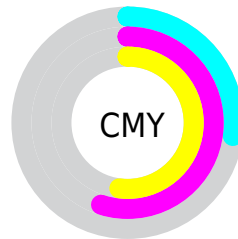


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4856, 0.3954, 0.3194 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 24.4856, 0.3954, 0.3194 by changing the saturation by 10% instead.


 24.4856, 0.3954,
0.3194


 24.4856, 0.3954,
0.3194


275.2664, 0.3493,
0.3257


 15.6942, 0.4088,
0.3172


 50.8215, 0.3774,
0.3221

 9.3080, 0.4272,
0.3139


 69.1348, 0.3710,
0.3230

 4.9426, 0.4540,
0.3085

 91.3908, 0.3657,
0.3237

 2.2137, 0.4966,
0.2985

117.9741, 0.3614,
0.3242

 0.7274, 0.6136,
0.2928

149.2688, 0.3577,
0.3247

 0.0000, 1.0000,
0.0000

185.6595, 0.3545,

 0.0000, 0.0000,

0.3251

0.0000

227.5306, 0.3517,
0.3254

■ 24.4856, 0.3954,
0.3194

■ 24.4856, 0.3954,
0.3194

■ 20.2141, 0.4299,
0.3171

■ 29.6999, 0.3668,
0.3220

■ 16.8257, 0.4701,
0.3155

■ 35.9048, 0.3436,
0.3246

■ 14.2596, 0.5144,
0.3150


■ 43.1493, 0.3249,
0.3271


■ 12.4455, 0.5587,
0.3161

■ 51.4780, 0.3099,
0.3295

■ 11.3018, 0.5973,
0.3192

■ 60.9329, 0.2978,
0.3316

 10.7038, 0.6245,
0.3233

 71.5539, 0.2879,
0.3336

 10.6086, 0.6289,
0.3238

 83.3787, 0.2799,
0.3353

 89.3037, 0.2736,
0.3289

Harmonies

Analogous

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



24.4856, 0.3506, 0.2829



24.4856, 0.3954, 0.3194



24.4856, 0.4159, 0.3602

Triad

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



24.4856, 0.3954, 0.3194



24.4856, 0.3207, 0.4171



24.4856, 0.2257, 0.2553

Complementary

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



24.4856, 0.3954, 0.3194



42.5464, 0.2648, 0.3393

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.



24.4856, 0.2194, 0.2842



24.4856, 0.3954, 0.3194



24.4856, 0.2716, 0.3823

Square

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



24.4856, 0.3954, 0.3194



24.4856, 0.3701, 0.4209



24.4856, 0.2353, 0.3308



24.4856, 0.2530, 0.2468

Rectangle

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



24.4856, 0.3954, 0.3194



24.4856, 0.4124, 0.3862



24.4856, 0.2353, 0.3308



24.4856, 0.2212, 0.2627

Sweetspot

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



24.4868, 0.3954, 0.3194



72.9034, 0.3305, 0.3263



25.7713, 0.3093, 0.2343



15.6596, 0.3330, 0.3260



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.



24.4868, 0.3954, 0.3194



37.0506, 0.4254, 0.3174



31.8937, 0.3894, 0.3688



9.5512, 0.3273, 0.3268



7.3153, 0.6271, 0.3228



0.2917, 0.5848, 0.2995

Inverse Universe

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



24.4868, 0.3954, 0.3194



37.0506, 0.4254, 0.3174



31.9598, 0.2542, 0.2850



9.5512, 0.3273, 0.3268



7.3153, 0.6271, 0.3228



0.2917, 0.5848, 0.2995

Previews

White Background



This preview shows how the Yxy color 24.4856, 0.3954, 0.3194 looks on a white background.

Color Contrast Check

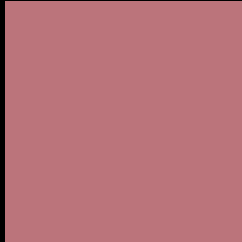
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4856, 0.3954, 0.3194 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 24.4856, 0.3954, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 24.4856, 0.3954, 0.3194.



This preview shows how white text looks on a background with the Yxy color 24.4856, 0.3954, 0.3194.

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

24.4856, 0.3954, 0.3194

Protanopia

24.5381, 0.3183, 0.3307

Deuteranopia

24.5572, 0.3536, 0.3470



Tritanopia

24.5108, 0.3941, 0.3180

Trichromacy



Original Color

24.4856, 0.3954, 0.3194

Protanomaly

24.1180, 0.3440, 0.3259

Deuteranomaly

24.5177, 0.3689, 0.3369

Tritanomaly

24.5108, 0.3941, 0.3180

Monochromacy



Original Color

24.4856, 0.3954, 0.3194

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7266, 0.3400, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4856, 0.3954, 0.3194 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, 116, 123)` looks like.

```
.text, #text, p{  
    color:rgb(187, 116, 123)  
}
```

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, 116, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 116, 123) }
```

Border

The CSS property to change the border of an element to Yxy 24.4856, 0.3954, 0.3194 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, 116, 123) }
```

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

```
.border{ border-color:rgb(187, 116, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 116, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 116, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 116, 123);  
box-shadow:4px 4px 4px 4px rgb(187, 116,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4856, 0.3954, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 116, 123) }
```

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

```
.background{ background-color: rgb(187,  
116, 123) }
```

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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