

Converting Colors

$Y_{xy}(25.3824, 0.3910, 0.3257)$

Have a look what the booklet for
Yxy(25.3824, 0.3910, 0.3257)
contains.

Yxy(25.4191, 0.3906, 0.3264)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4191, 0.3906, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B9797B
RGB	185, 121, 123
RGB Percent	73%, 47%, 48%
CMY	0.2745, 0.5255, 0.5177
CMYK	0.00, 0.35, 0.34, 0.27
HSL	358°, 31%, 60%
HSV	358°, 35%, 73%
XYZ	30.4188, 25.4191, 22.0392
YIQ	140.3640, 37.5020, 14.1900

Conversions

Conversions Part 2

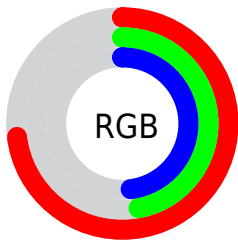
Format	Color
R_{YB}	185, 121, 123
Decimal	12155259
CIE _{Lab}	57.48, 25.28, 9.26
CIE _{LCh}	57, 26.922, 20.125
Yxy	25.4191, 0.3906, 0.3264
Android (android.graphics.Color)	4290345339 (0xFFB9797B)
YUV	140.3640, -8.5605, 39.1458
Hunter-Lab	50.4174, 19.4658, 9.3744

Details

The Yxy color $25.4191, 0.3906, 0.3264$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $42.1808, 0.2657, 0.3318$, and the grayscale version is $26.3981, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4219, 0.3745, 0.3281$, and $9.7467, 0.4213, 0.3235$ is the 20% darker color. If you saturate the color by 10%, you get $20.9380, 0.4256, 0.3257$, and if you desaturate by 10%, it is $30.8470, 0.3618, 0.3272$.

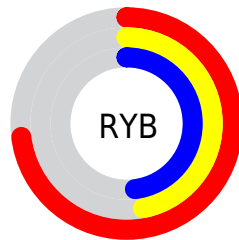
Distribution



Red (73%)

Green (47%)

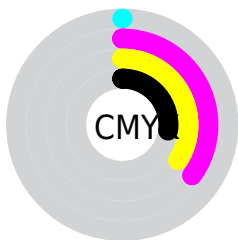
Blue (48%)



Red (73%)

Yellow (47%)

Blue (48%)

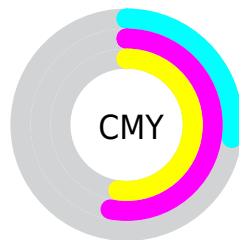


Cyan (0%)

Magenta (35%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4191, 0.3906, 0.3264 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 25.4191, 0.3906, 0.3264 by changing the saturation by 10% instead.


 25.4191, 0.3906,
0.3264

 25.4191, 0.3906,
0.3264


279.9187, 0.3474,
0.3288


 16.3896, 0.4030,
0.3253


 52.3363, 0.3737,
0.3276

 9.8002, 0.4201,
0.3235


 70.9928, 0.3678,
0.3279

 5.2667, 0.4449,
0.3203

 93.6270, 0.3628,
0.3282

 2.4046, 0.4840,
0.3138

120.6235, 0.3587,
0.3284

 0.8282, 0.5871,
0.3160

152.3664, 0.3552,
0.3285

 0.0000, 1.0000,
0.0000


189.2404, 0.3522,


 0.0000, 0.0000,


0.3286


0.0000

231.6297, 0.3496,
0.3287

 25.4191, 0.3906,
0.3264

 25.4191, 0.3906,
0.3264

 20.9380, 0.4256,
0.3257


 30.8470, 0.3618,
0.3272


 17.3462, 0.4670,
0.3252


 37.2677, 0.3386,
0.3279


 14.5854, 0.5129,
0.3251

 44.7287, 0.3200,
0.3287

 12.5891, 0.5593,
0.3255


 53.2732, 0.3050,
0.3294


 11.2805, 0.5996,
0.3265


 62.9420, 0.2930,
0.3300

 10.5668, 0.6272,
0.3280

 73.7740, 0.2833,
0.3306

 10.3263, 0.6368,
0.3282

 85.8059, 0.2754,
0.3311

 89.0537, 0.2726,
0.3289

Harmonies

Analogous

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



25.4191, 0.3535, 0.2922



25.4191, 0.3906, 0.3264



25.4191, 0.4049, 0.3633

Triad

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



25.4191, 0.3906, 0.3264



25.4191, 0.3133, 0.4035



25.4191, 0.2371, 0.2607

Complementary

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



25.4191, 0.3906, 0.3264



42.1808, 0.2657, 0.3318

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.



25.4191, 0.2285, 0.2844



25.4191, 0.3906, 0.3264



25.4191, 0.2703, 0.3697

Square

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



25.4191, 0.3906, 0.3264



25.4191, 0.3581, 0.4119



25.4191, 0.2400, 0.3240



25.4191, 0.2647, 0.2554

Rectangle

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



25.4191, 0.3906, 0.3264



25.4191, 0.3992, 0.3856



25.4191, 0.2400, 0.3240



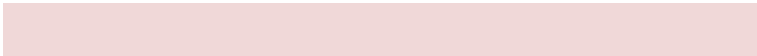
25.4191, 0.2320, 0.2666

Sweetspot

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



25.4203, 0.3906, 0.3264



72.4287, 0.3298, 0.3283



27.2297, 0.3144, 0.2439



15.2199, 0.3325, 0.3282



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4203, 0.3906, 0.3264



38.9030, 0.4185, 0.3258



33.7854, 0.3788, 0.3709



9.0166, 0.3283, 0.3283



7.0337, 0.6361, 0.3278



0.2495, 0.6202, 0.3190

Inverse Universe

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



25.4203, 0.3906, 0.3264



38.9030, 0.4185, 0.3258



31.0557, 0.2584, 0.2827



9.0166, 0.3283, 0.3283



7.0337, 0.6361, 0.3278



0.2495, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 25.4191, 0.3906, 0.3264 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 25.4191, 0.3906, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

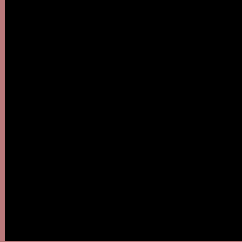
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4191, 0.3906, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 25.4191, 0.3906, 0.3264.



This preview shows how white text looks on a background with the Yxy color 25.4191, 0.3906, 0.3264.

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

25.4191, 0.3906, 0.3264

Protanopia

25.5937, 0.3234, 0.3391

Deuteranopia

25.4246, 0.3554, 0.3483



Tritanopia

25.4570, 0.3845, 0.3165

Trichromacy



Original Color

25.4191, 0.3906, 0.3264

Protanomaly

25.3566, 0.3465, 0.3339

Deuteranomaly

25.4305, 0.3677, 0.3399

Tritanomaly

25.4044, 0.3871, 0.3193

Monochromacy



Original Color

25.4191, 0.3906, 0.3264

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5642, 0.3382, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4191, 0.3906, 0.3264 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(185, 121, 123)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 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(185, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.4191, 0.3906, 0.3264 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(185, 121, 123) }
```

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

```
.border{ border-color:rgb(185, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4191, 0.3906, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 123) }
```

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

```
.background{ background-color: rgb(185,  
121, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor