

Converting Colors

$Y_{xy}(22.3884, 0.4059, 0.3188)$

Have a look what the booklet for
Yxy(22.3884, 0.4059, 0.3188)
contains.

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Color

Yxy(22.5125, 0.4061, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	B96D74
RGB	185, 109, 116
RGB Percent	73%, 43%, 45%
CMY	0.2744, 0.5726, 0.5451
CMYK	0.00, 0.41, 0.37, 0.27
HSL	354°, 35%, 58%
HSV	354°, 41%, 73%
XYZ	28.6324, 22.5125, 19.3609
YIQ	132.5220, 43.0490, 18.2890

Conversions

Conversions Part 2

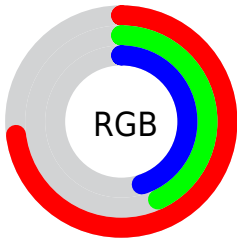
Format	Color
RYB	185, 109, 116
Decimal	12152180
CIELab	54.57, 31.01, 9.20
CIElCh	55, 32.349, 16.526
Yxy	22.5125, 0.4061, 0.3193
Android (android.graphics.Color)	4290342260 (0xFFB96D74)
YUV	132.5220, -8.1453, 46.0232
Hunter-Lab	47.4473, 24.6841, 9.0198

Details

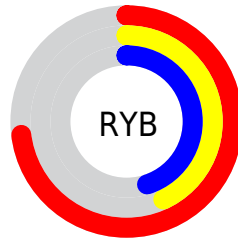
The Yxy color **22.5125, 0.4061, 0.3193** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.1716, 0.2614, 0.3395**, and the grayscale version is **23.2917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7225, 0.3850, 0.3226**, and **8.2124, 0.4432, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **18.6171, 0.4427, 0.3173**, and if you desaturate by 10%, it is **27.3116, 0.3755, 0.3217**.

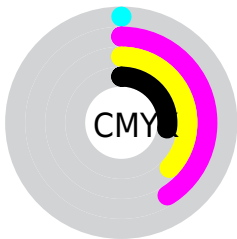
Distribution



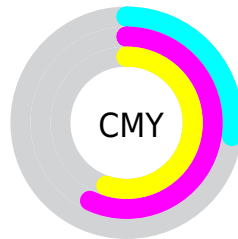
- Red (73%)
- Green (43%)
- Blue (45%)



- Red (73%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (27%)





- Cyan (27%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5125, 0.4061, 0.3193 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 22.5125, 0.4061, 0.3193 by changing the saturation by 10% instead.


 22.5125, 0.4061,
0.3193


 22.5125, 0.4061,
0.3193


265.2111, 0.3534,
0.3260


 14.2340, 0.4217,
0.3168


 47.5916, 0.3853,
0.3223

 8.2836, 0.4433,
0.3129


 65.1610, 0.3780,
0.3232

 4.2769, 0.4752,
0.3063

 86.5960, 0.3720,
0.3239

 1.8296, 0.5264,
0.2937

 112.2812, 0.3670,
0.3245

 0.5056, 0.7204,
0.2796

142.6009, 0.3628,
0.3250

 0.0000, 1.0000,
0.0000


177.9396, 0.3592,


 0.0000, 0.0000,


0.3254


0.0000


218.6815, 0.3561,
0.3257

 22.5125, 0.4061,
0.3193


 22.5125, 0.4061,
0.3193


 18.6171, 0.4427,
0.3173

 27.3116, 0.3755,
0.3217


 15.5656, 0.4847,
0.3161

 33.0626, 0.3506,
0.3241

 13.2965, 0.5297,
0.3161

 39.8142, 0.3305,
0.3265


 11.7382, 0.5729,
0.3178

 47.6108, 0.3143,
0.3288


 10.8063, 0.6082,
0.3212


 56.4942, 0.3012,
0.3308

 10.3574, 0.6297,
0.3242

 66.5039, 0.2907,
0.3327

 77.6773, 0.2821,
0.3344

 88.7620, 0.2749,
0.3339

 89.0568, 0.2726,
0.3289

Harmonies

Analogous

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



22.5125, 0.3566, 0.2793



22.5125, 0.4061, 0.3193



22.5125, 0.4276, 0.3640

Triad

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



22.5125, 0.4061, 0.3193



22.5125, 0.3191, 0.4272



22.5125, 0.2175, 0.2468

Complementary

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



22.5125, 0.4061, 0.3193



41.1716, 0.2614, 0.3395

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.



22.5125, 0.2099, 0.2774



22.5125, 0.4061, 0.3193



22.5125, 0.2651, 0.3870

Square

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



22.5125, 0.4061, 0.3193



22.5125, 0.3741, 0.4316



22.5125, 0.2262, 0.3286



22.5125, 0.2480, 0.2386

Rectangle

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



22.5125, 0.4061, 0.3193



22.5125, 0.4226, 0.3926



22.5125, 0.2262, 0.3286



22.5125, 0.2124, 0.2544

Sweetspot

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



22.5136, 0.4061, 0.3193



69.8636, 0.3325, 0.3263



23.8356, 0.3088, 0.2268



14.7091, 0.3349, 0.3260



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.



22.5136, 0.4061, 0.3193



34.1483, 0.4376, 0.3175



30.0031, 0.3976, 0.3721



9.0253, 0.3274, 0.3269



7.0558, 0.6279, 0.3232



0.2533, 0.5853, 0.2998

Inverse Universe

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



22.5136, 0.4061, 0.3193



34.1483, 0.4376, 0.3175



30.0671, 0.2495, 0.2808



9.0253, 0.3274, 0.3269



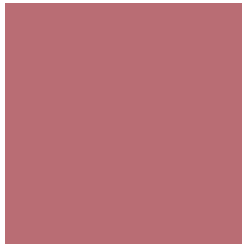
7.0558, 0.6279, 0.3232



0.2533, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 22.5125, 0.4061, 0.3193 looks on a white background.

Color Contrast Check

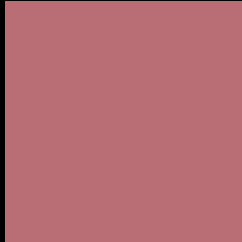
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5125, 0.4061, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

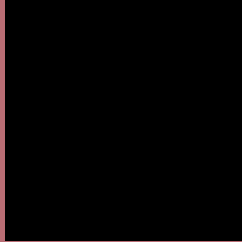
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5125, 0.4061, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 22.5125, 0.4061, 0.3193.



This preview shows how white text looks on a background with the Yxy color 22.5125, 0.4061, 0.3193.

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

22.5125, 0.4061, 0.3193

Protanopia

22.5659, 0.3206, 0.3343

Deuteranopia

22.5980, 0.3575, 0.3510



Tritanopia

22.5359, 0.4047, 0.3179

Trichromacy



Original Color

22.5125, 0.4061, 0.3193

Protanomaly

22.1214, 0.3504, 0.3275

Deuteranomaly

22.4344, 0.3753, 0.3387

Tritanomaly

22.5359, 0.4047, 0.3179

Monochromacy



Original Color

22.5125, 0.4061, 0.3193

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6230, 0.3437, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5125, 0.4061, 0.3193 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, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(185, 109, 116)  
}
```

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, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 109, 116) }
```

Border

The CSS property to change the border of an element to Yxy 22.5125, 0.4061, 0.3193 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, 109, 116) }
```

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

```
.border{ border-color:rgb(185, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 109, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 109, 116);  
box-shadow:4px 4px 4px 4px rgb(185, 109,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5125, 0.4061, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 109, 116) }
```

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

```
.background{ background-color: rgb(185,  
109, 116) }
```

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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