

Converting Colors

$Y_{xy}(21.3588, 0.4019, 0.3146)$

Have a look what the booklet for
Yxy(21.3588, 0.4019, 0.3146)
contains.

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Color

Yxy(21.3928, 0.4026, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	B56A74
RGB	181, 106, 116
RGB Percent	71%, 42%, 45%
CMY	0.2902, 0.5843, 0.5452
CMYK	0.00, 0.41, 0.36, 0.29
HSL	352°, 34%, 56%
HSV	352°, 41%, 71%
XYZ	27.3594, 21.3928, 19.2046
YIQ	129.5650, 41.4900, 19.0100

Conversions

Conversions Part 2

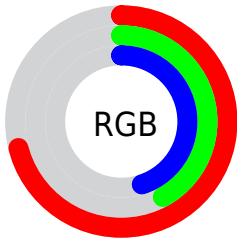
Format	Color
R_{YB}	181, 106, 116
Decimal	11889268
CIE _{Lab}	53.38, 31.10, 7.45
CIE _{LCh}	53, 31.979, 13.478
Yxy	21.3928, 0.4026, 0.3148
Android (android.graphics.Color)	4290079348 (0xFFB56A74)
YUV	129.5650, -6.6875, 45.1085
Hunter-Lab	46.2524, 24.6455, 7.7586

Details

The Yxy color **21.3928, 0.4026, 0.3148** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.0487, 0.2630, 0.3444**, and the grayscale version is **22.1754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6316, 0.3826, 0.3180**, and **7.7792, 0.4396, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **17.7136, 0.4375, 0.3118**, and if you desaturate by 10%, it is **25.9230, 0.3734, 0.3183**.

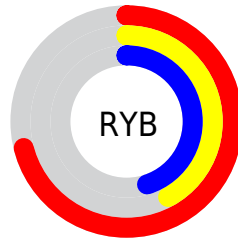
Distribution



Red (71%)

Green (42%)

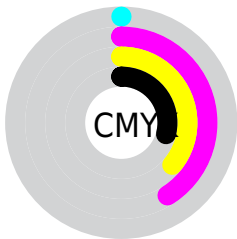
Blue (45%)



Red (71%)

Yellow (42%)

Blue (45%)

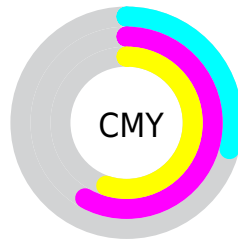


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (29%)



Cyan (29%)


Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.3928, 0.4026, 0.3148 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 21.3928, 0.4026, 0.3148 by changing the saturation by 10% instead.


 21.3928, 0.4026,
0.3148


 21.3928, 0.4026,
0.3148


259.3587, 0.3515,
0.3238


 13.4114, 0.4179,
0.3117


 45.7404, 0.3823,
0.3187


 7.7125, 0.4392,
0.3069


 62.8753, 0.3752,
0.3199

 3.9115, 0.4710,
0.2992

 83.8303, 0.3695,
0.3209

 1.6242, 0.5230,
0.2847

 108.9896, 0.3647,
0.3217

 0.3738, 0.7539,
0.2461

138.7377, 0.3606,
0.3224

 0.0000, 1.0000,
0.0000

173.4590, 0.3571,


 0.0000, 0.0000,


0.3229


0.0000


213.5379, 0.3541,
0.3234

 21.3928, 0.4026,
0.3148


 21.3928, 0.4026,
0.3148


 17.7136, 0.4375,
0.3118


 25.9230, 0.3734,
0.3183


 14.8292, 0.4776,
0.3099


 31.3495, 0.3496,
0.3218


 12.6816, 0.5210,
0.3096


 37.7182, 0.3303,
0.3253

 11.2037, 0.5635,
0.3116

 45.0709, 0.3147,
0.3286

 10.3156, 0.5996,
0.3160

 53.4468, 0.3021,
0.3316

 9.8884, 0.6226,
0.3203

 62.8832, 0.2919,
0.3343

 73.4152, 0.2836,
0.3368

 85.0766, 0.2768,
0.3391

 88.5622, 0.2706,
0.3289

Harmonies

Analogous

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



21.3928, 0.3509, 0.2755



21.3928, 0.4026, 0.3148



21.3928, 0.4277, 0.3596

Triad

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



21.3928, 0.4026, 0.3148



21.3928, 0.3249, 0.4300



21.3928, 0.2152, 0.2484

Complementary

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



21.3928, 0.4026, 0.3148



39.0487, 0.2630, 0.3444

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.



21.3928, 0.2099, 0.2815



21.3928, 0.4026, 0.3148



21.3928, 0.2699, 0.3928

Square

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



21.3928, 0.4026, 0.3148



21.3928, 0.3794, 0.4306



21.3928, 0.2287, 0.3346



21.3928, 0.2436, 0.2380

Rectangle

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



21.3928, 0.4026, 0.3148



21.3928, 0.4249, 0.3887



21.3928, 0.2287, 0.3346



21.3928, 0.2108, 0.2569

Sweetspot

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



21.3939, 0.4026, 0.3148



66.6155, 0.3316, 0.3250



22.3037, 0.3059, 0.2253



14.0669, 0.3339, 0.3246



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



21.3939, 0.4026, 0.3148



32.0773, 0.4353, 0.3120



27.7767, 0.3999, 0.3689



8.5231, 0.3267, 0.3260



6.8240, 0.6203, 0.3191



0.2205, 0.5612, 0.2865

Inverse Universe

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



21.3939, 0.4026, 0.3148



32.0773, 0.4353, 0.3120



29.3464, 0.2498, 0.2846



8.5231, 0.3267, 0.3260



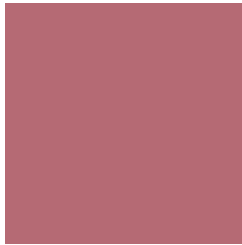
6.8240, 0.6203, 0.3191



0.2205, 0.5612, 0.2865

Previews

White Background



This preview shows how the Yxy color 21.3928, 0.4026, 0.3148 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 21.3928, 0.4026, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

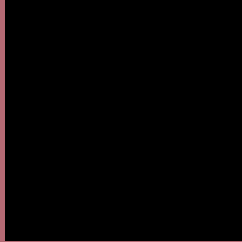
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.3928, 0.4026, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 21.3928, 0.4026, 0.3148.



This preview shows how white text looks on a background with the Yxy color 21.3928, 0.4026, 0.3148.

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

21.3928, 0.4026, 0.3148

Protanopia

21.4831, 0.3152, 0.3272

Deuteranopia

21.4692, 0.3535, 0.3463



Tritanopia

21.3467, 0.4055, 0.3177

Trichromacy



Original Color

21.3928, 0.4026, 0.3148

Protanomaly

21.0384, 0.3449, 0.3207

Deuteranomaly

21.3084, 0.3715, 0.3340

Tritanomaly

21.3696, 0.4040, 0.3162

Monochromacy



Original Color

21.3928, 0.4026, 0.3148

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.5450, 0.3432, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3928, 0.4026, 0.3148 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(181, 106, 116)` looks like.

```
.text, #text, p{  
    color:rgb(181, 106, 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(181, 106, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 106, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.3928, 0.4026, 0.3148 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(181, 106, 116) }
```

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

```
.border{ border-color:rgb(181, 106, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 106, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 106, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 106, 116);  
box-shadow:4px 4px 4px 4px rgb(181, 106,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3928, 0.4026, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 106, 116) }
```

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

```
.background{ background-color: rgb(181,  
106, 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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