

Converting Colors

$Y_{xy}(24.8719, 0.3949, 0.3115)$

Have a look what the booklet for
Yxy(24.8719, 0.3949, 0.3115)
contains.

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Color

Yxy(24.8963, 0.3940, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	BF7380
RGB	191, 115, 128
RGB Percent	75%, 45%, 50%
CMY	0.2510, 0.5490, 0.4980
CMYK	0.00, 0.40, 0.33, 0.25
HSL	350°, 37%, 60%
HSV	350°, 40%, 75%
XYZ	31.5103, 24.8963, 23.5687
YIQ	139.2060, 41.1230, 20.1550

Conversions

Conversions Part 2

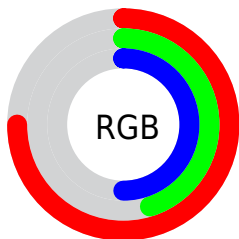
Format	Color
R_{YB}	191, 115, 128
Decimal	12546944
CIE _{Lab}	56.97, 31.51, 5.73
CIE _{LCh}	57, 32.025, 10.312
Yxy	24.8963, 0.3940, 0.3113
Android (android.graphics.Color)	4290737024 (0xFFBF7380)
YUV	139.2060, -5.5246, 45.4233
Hunter-Lab	49.8962, 25.4073, 6.9214

Details

The Yxy color **24.8963, 0.3940, 0.3113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.1146, 0.2663, 0.3482**, and the grayscale version is **25.9131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4812, 0.3760, 0.3152**, and **9.4960, 0.4245, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **20.5983, 0.4265, 0.3073**, and if you desaturate by 10%, it is **30.1641, 0.3669, 0.3158**.

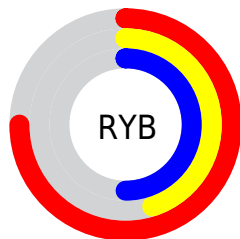
Distribution



Red (75%)

Green (45%)

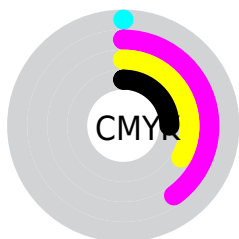
Blue (50%)



Red (75%)

Yellow (45%)

Blue (50%)

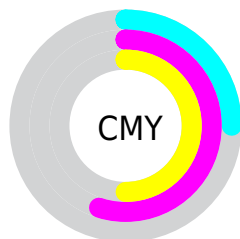


Cyan (0%)

Magenta (40%)

Yellow (33%)

Black (25%)



Cyan (25%)

Magenta (55%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8963, 0.3940, 0.3113 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 24.8963, 0.3940, 0.3113 by changing the saturation by 10% instead.


 24.8963, 0.3940,
0.3113


 24.8963, 0.3940,
0.3113


277.3211, 0.3489,
0.3218


 15.9998, 0.4070,
0.3080


 51.4889, 0.3764,
0.3156

 9.5240, 0.4248,
0.3033


 69.9539, 0.3702,
0.3170

 5.0845, 0.4508,
0.2960

 92.3771, 0.3650,
0.3182

 2.2969, 0.4917,
0.2837

119.1430, 0.3607,
0.3192

 0.7721, 0.5825,
0.2659

150.6359, 0.3571,
0.3200

 0.0000, 1.0000,
0.0000

187.2403, 0.3540,

 0.0000, 0.0000,

0.3207

0.0000

229.3406, 0.3513,
0.3213

■ 24.8963, 0.3940,
0.3113

■ 24.8963, 0.3940,
0.3113

■ 20.5983, 0.4265,
0.3073

■ 30.1641, 0.3669,
0.3158

■ 17.2073, 0.4642,
0.3043

■ 36.4522, 0.3448,
0.3205

■ 14.6589, 0.5058,
0.3033


■ 43.8119, 0.3269,
0.3249

■ 12.8785, 0.5479,
0.3049


■ 52.2901, 0.3124,
0.3291


■ 11.7784, 0.5855,
0.3096

■ 61.9307, 0.3007,
0.3329

 11.1934, 0.6146,
0.3161

 72.7754, 0.2912,
0.3365

 11.1823, 0.6151,
0.3162

 84.8639, 0.2834,
0.3396

 89.7927, 0.2759,
0.3292

 89.8144, 0.2757,
0.3289

Harmonies

Analogous

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



24.8963, 0.3432, 0.2744



24.8963, 0.3940, 0.3113



24.8963, 0.4212, 0.3541

Triad

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



24.8963, 0.3940, 0.3113



24.8963, 0.3304, 0.4265



24.8963, 0.2178, 0.2544

Complementary

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



24.8963, 0.3940, 0.3113



44.1146, 0.2663, 0.3482

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.



24.8963, 0.2152, 0.2885



24.8963, 0.3940, 0.3113



24.8963, 0.2772, 0.3945

Square

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



24.8963, 0.3940, 0.3113



24.8963, 0.3814, 0.4241



24.8963, 0.2358, 0.3405



24.8963, 0.2428, 0.2420

Rectangle

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



24.8963, 0.3940, 0.3113



24.8963, 0.4211, 0.3822



24.8963, 0.2358, 0.3405



24.8963, 0.2144, 0.2634

Sweetspot

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



24.8975, 0.3940, 0.3113



75.1226, 0.3309, 0.3239



25.3791, 0.3022, 0.2277



16.1027, 0.3332, 0.3233



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



24.8975, 0.3940, 0.3113



37.6066, 0.4229, 0.3076



30.7982, 0.3979, 0.3623



9.5623, 0.3262, 0.3251



7.3586, 0.6124, 0.3147



0.2966, 0.5513, 0.2811

Inverse Universe

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



24.8975, 0.3940, 0.3113



37.6066, 0.4229, 0.3076



35.0173, 0.2529, 0.2924



9.5623, 0.3262, 0.3251



7.3586, 0.6124, 0.3147



0.2966, 0.5513, 0.2811

Previews

White Background



This preview shows how the Yxy color 24.8963, 0.3940, 0.3113 looks on a white background.

Color Contrast Check

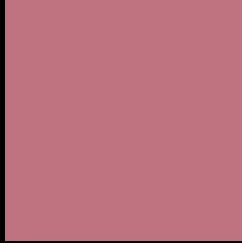
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8963, 0.3940, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

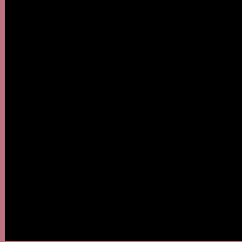
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8963, 0.3940, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 24.8963, 0.3940, 0.3113.



This preview shows how white text looks on a background with the Yxy color 24.8963, 0.3940, 0.3113.

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

24.8963, 0.3940, 0.3113

Protanopia

24.9907, 0.3119, 0.3223

Deuteranopia

24.9518, 0.3475, 0.3404



Tritanopia

25.0224, 0.3989, 0.3182

Trichromacy



Original Color

24.8963, 0.3940, 0.3113

Protanomaly

24.4850, 0.3394, 0.3164

Deuteranomaly

24.7529, 0.3640, 0.3292

Tritanomaly

25.0478, 0.3976, 0.3168

Monochromacy



Original Color

24.8963, 0.3940, 0.3113

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9836, 0.3401, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8963, 0.3940, 0.3113 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(191, 115, 128)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 128)  
}
```

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(191, 115, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 128) }
```

Border

The CSS property to change the border of an element to Yxy 24.8963, 0.3940, 0.3113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

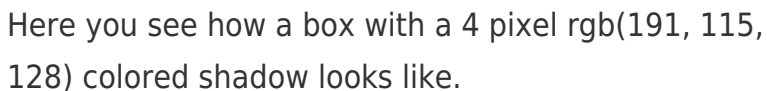
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 115, 128) }
```

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

```
.border{ border-color:rgb(191, 115, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 115, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 115, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 115, 128);  
box-shadow:4px 4px 4px 4px rgb(191, 115,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8963, 0.3940, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 128) }
```

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

```
.background{ background-color: rgb(191,  
115, 128) }
```

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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