

Converting Colors

$Y_{xy}(24.8951, 0.3934, 0.3099)$

Have a look what the booklet for
Yxy(24.8951, 0.3934, 0.3099)
contains.

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Color

Yxy(24.9228, 0.3927, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	BF7381
RGB	191, 115, 129
RGB Percent	75%, 45%, 51%
CMY	0.2509, 0.5490, 0.4941
CMYK	0.00, 0.40, 0.32, 0.25
HSL	349°, 37%, 60%
HSV	349°, 40%, 75%
XYZ	31.5817, 24.9228, 23.9175
YIQ	139.3200, 40.8020, 20.4660

Conversions

Conversions Part 2

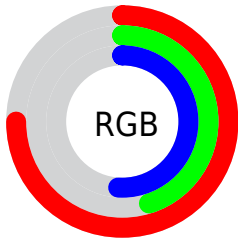
Format	Color
R_{YB}	191, 115, 129
Decimal	12546945
CIE _{Lab}	57.00, 31.66, 5.19
CIE _{LCh}	57, 32.080, 9.306
Yxy	24.9228, 0.3927, 0.3099
Android (android.graphics.Color)	4290737025 (0xFFBF7381)
YUV	139.3200, -5.0878, 45.3234
Hunter-Lab	49.9227, 25.5565, 6.5406

Details

The Yxy color **24.9228, 0.3927, 0.3099** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.0861, 0.2669, 0.3497**, and the grayscale version is **25.9574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5224, 0.3751, 0.3142**, and **9.5107, 0.4223, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **20.6267, 0.4246, 0.3055**, and if you desaturate by 10%, it is **30.1871, 0.3661, 0.3148**.

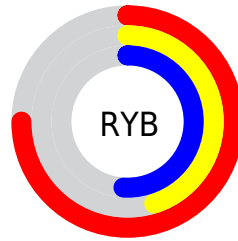
Distribution



Red (75%)

Green (45%)

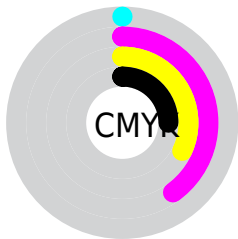
Blue (51%)



Red (75%)

Yellow (45%)

Blue (51%)

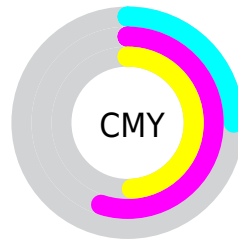


Cyan (0%)

Magenta (40%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9228, 0.3927, 0.3099 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 24.9228, 0.3927, 0.3099 by changing the saturation by 10% instead.


 24.9228, 0.3927,
0.3099


 24.9228, 0.3927,
0.3099


277.4533, 0.3483,
0.3211


 16.0195, 0.4055,
0.3064


 51.5320, 0.3754,
0.3144

 9.5380, 0.4230,
0.3015

 70.0066, 0.3693,
0.3160

 5.0937, 0.4485,
0.2940

 92.4406, 0.3642,
0.3172

 2.3024, 0.4887,
0.2814

119.2182, 0.3600,
0.3183

 0.7750, 0.5753,
0.2620

150.7239, 0.3564,
0.3191

 0.0000, 1.0000,
0.0000

187.3421, 0.3533,

 0.0000, 0.0000,

0.3199

0.0000

229.4570, 0.3507,
0.3205

■ 24.9228, 0.3927,
0.3099

■ 24.9228, 0.3927,
0.3099

■ 20.6267, 0.4246,
0.3055

■ 30.1871, 0.3661,
0.3148

■ 17.2360, 0.4617,
0.3023

■ 36.4699, 0.3444,
0.3198

■ 14.6865, 0.5026,
0.3010


■ 43.8224, 0.3267,
0.3246

■ 12.9039, 0.5442,
0.3026


■ 52.2914, 0.3125,
0.3291


■ 11.8005, 0.5819,
0.3075


■ 61.9208, 0.3009,
0.3332


 11.2109, 0.6114,
0.3144

 72.7522, 0.2915,
0.3370

 11.2006, 0.6120,
0.3145

 84.8250, 0.2839,
0.3405

 89.7315, 0.2764,
0.3303

 89.8180, 0.2757,
0.3289

Harmonies

Analogous

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



24.9228, 0.3414, 0.2733



24.9228, 0.3927, 0.3099



24.9228, 0.4209, 0.3527

Triad

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



24.9228, 0.3927, 0.3099



24.9228, 0.3323, 0.4271



24.9228, 0.2172, 0.2551

Complementary

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



24.9228, 0.3927, 0.3099



44.0861, 0.2669, 0.3497

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.



24.9228, 0.2154, 0.2900



24.9228, 0.3927, 0.3099



24.9228, 0.2788, 0.3962

Square

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



24.9228, 0.3927, 0.3099



24.9228, 0.3830, 0.4236



24.9228, 0.2368, 0.3424



24.9228, 0.2416, 0.2420

Rectangle

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



24.9228, 0.3927, 0.3099



24.9228, 0.4216, 0.3809



24.9228, 0.2368, 0.3424



24.9228, 0.2140, 0.2644

Sweetspot

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



24.9240, 0.3927, 0.3099



75.1438, 0.3306, 0.3235



25.2309, 0.3008, 0.2272



16.1078, 0.3328, 0.3228



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.



24.9240, 0.3927, 0.3099



37.6573, 0.4211, 0.3059



30.4359, 0.3986, 0.3606



9.5643, 0.3260, 0.3248



7.3687, 0.6091, 0.3129



0.2975, 0.5457, 0.2780

Inverse Universe

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



24.9240, 0.3927, 0.3099



37.6573, 0.4211, 0.3059



35.4889, 0.2532, 0.2944



9.5643, 0.3260, 0.3248



7.3687, 0.6091, 0.3129



0.2975, 0.5457, 0.2780

Previews

White Background



This preview shows how the Yxy color 24.9228, 0.3927, 0.3099 looks on a white background.

Color Contrast Check

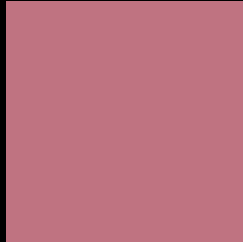
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9228, 0.3927, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

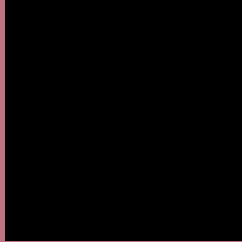
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9228, 0.3927, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 24.9228, 0.3927, 0.3099.



This preview shows how white text looks on a background with the Yxy color 24.9228, 0.3927, 0.3099.

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

24.9228, 0.3927, 0.3099

Protanopia

25.0204, 0.3109, 0.3207

Deuteranopia

24.9774, 0.3463, 0.3388



Tritanopia

25.0224, 0.3989, 0.3182

Trichromacy



Original Color

24.9228, 0.3927, 0.3099

Protanomaly

24.5136, 0.3382, 0.3148

Deuteranomaly

24.7788, 0.3628, 0.3276

Tritanomaly

25.0735, 0.3962, 0.3154

Monochromacy



Original Color

24.9228, 0.3927, 0.3099

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 24.9228, 0.3927, 0.3099 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 129) }
```

Border

The CSS property to change the border of an element to Yxy 24.9228, 0.3927, 0.3099 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, 129) }
```

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

```
.border{ border-color:rgb(191, 115, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 115, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 115, 129);  
box-shadow:4px 4px 4px 4px rgb(191, 115,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9228, 0.3927, 0.3099 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, 129) }
```

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

```
.background{ background-color: rgb(191,  
115, 129) }
```

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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