

Converting Colors

$Y_{xy}(23.9094, 0.3566, 0.2787)$

Have a look what the booklet for
Yxy(23.9094, 0.3566, 0.2787)
contains.

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Color

Yxy(23.9253, 0.3561, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	B67195
RGB	182, 113, 149
RGB Percent	71%, 44%, 58%
CMY	0.2864, 0.5568, 0.4158
CMYK	0.00, 0.38, 0.18, 0.29
HSL	329°, 32%, 58%
HSV	329°, 38%, 71%
XYZ	30.6137, 23.9253, 31.4304
YIQ	137.7350, 29.5680, 25.8240

Conversions

Conversions Part 2

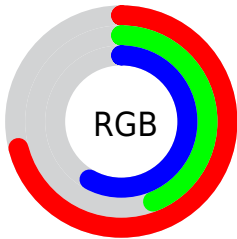
Format	Color
RYB	182, 113, 149
Decimal	11956629
CIELab	56.01, 32.34, -8.02
CIElCh	56, 33.317, 346.074
Yxy	23.9253, 0.3561, 0.2783
Android (android.graphics.Color)	4290146709 (0xFFB67195)
YUV	137.7350, 5.5536, 38.8204
Hunter-Lab	48.9135, 26.1200, -3.8586

Details

The Yxy color **23.9253, 0.3561, 0.2783** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.0292, 0.2845, 0.3865**, and the grayscale version is **25.2804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9350, 0.3470, 0.2888**, and **9.0260, 0.3731, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **19.9963, 0.3728, 0.2652**, and if you desaturate by 10%, it is **28.6914, 0.3418, 0.2921**.

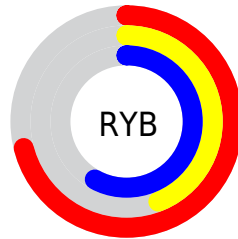
Distribution



Red (71%)

Green (44%)

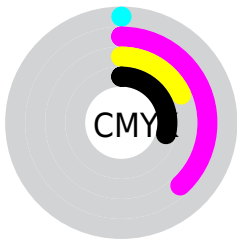
Blue (58%)



Red (71%)

Yellow (44%)

Blue (58%)

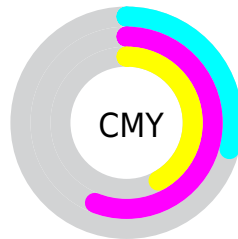


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9253, 0.3561, 0.2783 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 23.9253, 0.3561, 0.2783 by changing the saturation by 10% instead.


 23.9253, 0.3561,
0.2783


 23.9253, 0.3561,
0.2783


272.4426, 0.3325,
0.3054


 15.2782, 0.3627,
0.2709


 49.9083, 0.3470,
0.2886

 9.0149, 0.3716,
0.2610


 68.0130, 0.3438,
0.2923

 4.7509, 0.3844,
0.2470


 90.0390, 0.3411,
0.2954

 2.1019, 0.4041,
0.2261

 116.3707, 0.3388,
0.2981

 0.6657, 0.4406,
0.1873

147.3925, 0.3369,
0.3003

 0.0000, 0.8222,
0.0000

183.4888, 0.3353,

 0.0000, 0.0000,

0.3022

0.0000

225.0441, 0.3338,
0.3039

■ 23.9253, 0.3561,
0.2783

■ 23.9253, 0.3561,
0.2783

■ 19.9963, 0.3728,
0.2652

■ 28.6914, 0.3418,
0.2921

■ 16.8517, 0.3920,
0.2536

■ 34.3364, 0.3296,
0.3058

■ 14.4378, 0.4132,
0.2446


■ 40.9037, 0.3195,
0.3190


■ 12.6931, 0.4359,
0.2395

■ 48.4323, 0.3111,
0.3316

■ 11.5455, 0.4591,
0.2393


■ 56.9594, 0.3041,
0.3433

 10.8826, 0.4817,
0.2442

 66.5199, 0.2983,
0.3542

 10.7652, 0.4866,
0.2454

 77.1472, 0.2935,
0.3641

 86.5556, 0.2894,
0.3695

 87.0252, 0.2849,
0.3595

Harmonies

Analogous

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



23.9253, 0.2967, 0.2497



23.9253, 0.3561, 0.2783



23.9253, 0.4064, 0.3185

Triad

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



23.9253, 0.3561, 0.2783



23.9253, 0.3753, 0.4323



23.9253, 0.2091, 0.2775

Complementary

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



23.9253, 0.3561, 0.2783



39.0292, 0.2845, 0.3865

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.



23.9253, 0.2259, 0.3294



23.9253, 0.3561, 0.2783



23.9253, 0.3200, 0.4285

Square

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



23.9253, 0.3561, 0.2783



23.9253, 0.4160, 0.4054



23.9253, 0.2654, 0.3884



23.9253, 0.2165, 0.2464

Rectangle

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



23.9253, 0.3561, 0.2783



23.9253, 0.4251, 0.3484



23.9253, 0.2654, 0.3884



23.9253, 0.2120, 0.2928

Sweetspot

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



23.9264, 0.3561, 0.2783



70.0686, 0.3226, 0.3147



21.2300, 0.2765, 0.2253



15.1160, 0.3240, 0.3129



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.



23.9264, 0.3561, 0.2783



37.6600, 0.3691, 0.2679



23.0024, 0.4011, 0.3259



9.0884, 0.3209, 0.3171



7.6191, 0.4841, 0.2441



0.2810, 0.4312, 0.2149

Inverse Universe

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



23.9264, 0.3561, 0.2783



37.6600, 0.3691, 0.2679



40.2353, 0.2622, 0.3323



9.0884, 0.3209, 0.3171



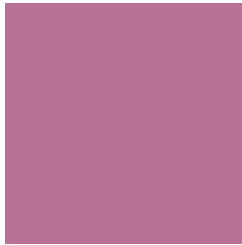
7.6191, 0.4841, 0.2441



0.2810, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 23.9253, 0.3561, 0.2783 looks on a white background.

Color Contrast Check

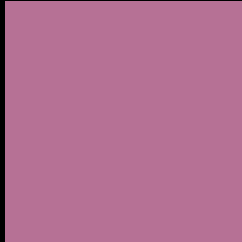
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9253, 0.3561, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

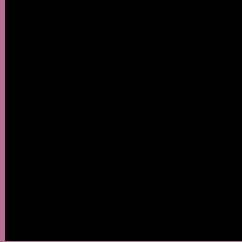
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9253, 0.3561, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 23.9253, 0.3561, 0.2783.



This preview shows how white text looks on a background with the Yxy color 23.9253, 0.3561, 0.2783.

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

23.9253, 0.3561, 0.2783

Protanopia

23.9729, 0.2790, 0.2809

Deuteranopia

24.1476, 0.3105, 0.3044



Tritanopia

23.8126, 0.3811, 0.3160

Trichromacy



Original Color

23.9253, 0.3561, 0.2783

Protanomaly

23.6519, 0.3048, 0.2798

Deuteranomaly

23.6900, 0.3262, 0.2930

Tritanomaly

23.9153, 0.3722, 0.3031

Monochromacy



Original Color

23.9253, 0.3561, 0.2783

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.5235, 0.3276, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9253, 0.3561, 0.2783 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(182, 113, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 113, 149)  
}
```

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(182, 113, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 113, 149) }
```

Border

The CSS property to change the border of an element to Yxy 23.9253, 0.3561, 0.2783 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(182, 113, 149) }
```

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

```
.border{ border-color:rgb(182, 113, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 113, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 113, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 113, 149);  
box-shadow:4px 4px 4px 4px rgb(182, 113,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9253, 0.3561, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 113, 149) }
```

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

```
.background{ background-color: rgb(182,  
113, 149) }
```

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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