

Converting Colors

$Y_{xy}(25.2267, 0.3623, 0.2893)$

Have a look what the booklet for
Yxy(25.2267, 0.3623, 0.2893)
contains.

Yxy(25.3465, 0.3622, 0.2899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.3465, 0.3622, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	B97692
RGB	185, 118, 146
RGB Percent	73%, 46%, 57%
CMY	0.2747, 0.5372, 0.4274
CMYK	0.00, 0.36, 0.21, 0.27
HSL	335°, 32%, 59%
HSV	335°, 36%, 73%
XYZ	31.6678, 25.3465, 30.4175
YIQ	141.2250, 30.9440, 22.9120

Conversions

Conversions Part 2

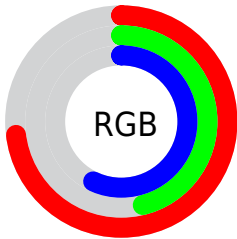
Format	Color
RYB	185, 118, 146
Decimal	12154514
CIELab	57.41, 30.20, -4.17
CIELCh	57, 30.486, 352.136
Yxy	25.3465, 0.3622, 0.2899
Android (android.graphics.Color)	4290344594 (0xFFB97692)
YUV	141.2250, 2.3541, 38.3907
Hunter-Lab	50.3453, 24.1744, -0.5800

Details

The Yxy color **25.3465, 0.3622, 0.2899** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.9700, 0.2808, 0.3723**, and the grayscale version is **26.7113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1732, 0.3515, 0.2977**, and **9.7246, 0.3787, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **21.0897, 0.3826, 0.2792**, and if you desaturate by 10%, it is **30.4915, 0.3450, 0.3011**.

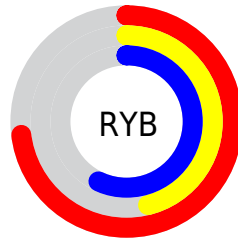
Distribution



Red (73%)

Green (46%)

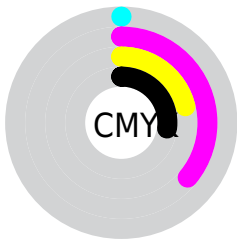
Blue (57%)



Red (73%)

Yellow (46%)

Blue (57%)

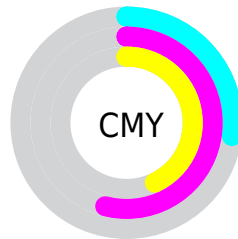


Cyan (0%)

Magenta (36%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (54%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3465, 0.3622, 0.2899 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 25.3465, 0.3622, 0.2899 by changing the saturation by 10% instead.


 25.3465, 0.3622,
0.2899


 25.3465, 0.3622,
0.2899


279.5592, 0.3352,
0.3110


 16.3354, 0.3698,
0.2841


 52.2188, 0.3518,
0.2979

 9.7618, 0.3801,
0.2763


 70.8488, 0.3481,
0.3008

 5.2413, 0.3949,
0.2652

 93.4538, 0.3450,
0.3032

 2.3895, 0.4180,
0.2484

120.4184, 0.3424,
0.3053

 0.8205, 0.4586,
0.2196

152.1268, 0.3402,
0.3070

 0.0000, 1.0000,
0.0000

188.9634, 0.3383,

 0.0000, 0.0000,

0.3085

0.0000

231.3128, 0.3367,
0.3098

■ 25.3465, 0.3622,
0.2899

■ 25.3465, 0.3622,
0.2899

■ 21.0897, 0.3826,
0.2792

■ 30.4915, 0.3450,
0.3011

■ 17.6664, 0.4062,
0.2697

■ 36.5679, 0.3308,
0.3121

■ 15.0217, 0.4329,
0.2625

■ 43.6205, 0.3190,
0.3228

■ 13.0921, 0.4618,
0.2590


■ 51.6902, 0.3092,
0.3327

■ 11.8042, 0.4915,
0.2602

■ 60.8155, 0.3012,
0.3420


 11.0629, 0.5199,
0.2666

 71.0327, 0.2947,
0.3505

 10.8499, 0.5305,
0.2696

 82.3767, 0.2893,
0.3582

 87.6633, 0.2840,
0.3540

 88.2945, 0.2786,
0.3420

Harmonies

Analogous

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



25.3465, 0.3091, 0.2610



25.3465, 0.3622, 0.2899



25.3465, 0.4032, 0.3282

Triad

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



25.3465, 0.3622, 0.2899



25.3465, 0.3603, 0.4235



25.3465, 0.2182, 0.2757

Complementary

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



25.3465, 0.3622, 0.2899



40.9700, 0.2808, 0.3723

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.



25.3465, 0.2293, 0.3194



25.3465, 0.3622, 0.2899



25.3465, 0.3093, 0.4126

Square

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



25.3465, 0.3622, 0.2899



25.3465, 0.4004, 0.4050



25.3465, 0.2617, 0.3720



25.3465, 0.2294, 0.2511

Rectangle

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



25.3465, 0.3622, 0.2899



25.3465, 0.4159, 0.3558



25.3465, 0.2617, 0.3720



25.3465, 0.2195, 0.2884

Sweetspot

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



25.3477, 0.3622, 0.2899



71.6300, 0.3246, 0.3175



23.5274, 0.2855, 0.2321



15.0802, 0.3262, 0.3161



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.



25.3477, 0.3622, 0.2899



39.5422, 0.3772, 0.2818



25.6573, 0.3962, 0.3356



9.0728, 0.3224, 0.3195



7.4049, 0.5273, 0.2678



0.2735, 0.4612, 0.2315

Inverse Universe

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



25.3477, 0.3622, 0.2899



39.5422, 0.3772, 0.2818



40.1998, 0.2617, 0.3222



9.0728, 0.3224, 0.3195



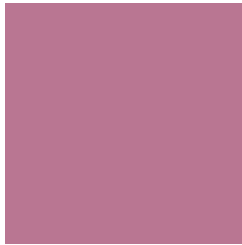
7.4049, 0.5273, 0.2678



0.2735, 0.4612, 0.2315

Previews

White Background



This preview shows how the Yxy color 25.3465, 0.3622, 0.2899 looks on a white background.

Color Contrast Check

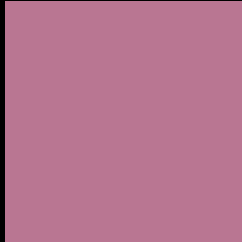
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3465, 0.3622, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

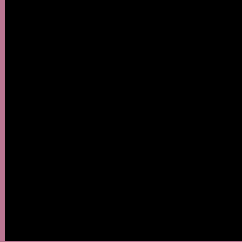
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3465, 0.3622, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 25.3465, 0.3622, 0.2899.



This preview shows how white text looks on a background with the Yxy color 25.3465, 0.3622, 0.2899.

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

25.3465, 0.3622, 0.2899

Protanopia

25.5108, 0.2900, 0.2947

Deuteranopia

25.4229, 0.3201, 0.3145



Tritanopia

25.3537, 0.3792, 0.3163

Trichromacy



Original Color

25.3465, 0.3622, 0.2899

Protanomaly

25.0707, 0.3133, 0.2915

Deuteranomaly

25.1333, 0.3349, 0.3044

Tritanomaly

25.4009, 0.3731, 0.3064

Monochromacy



Original Color

25.3465, 0.3622, 0.2899

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.9263, 0.3294, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3465, 0.3622, 0.2899 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, 118, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 118, 146)  
}
```

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, 118, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 118, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.3465, 0.3622, 0.2899 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, 118, 146) }
```

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

```
.border{ border-color:rgb(185, 118, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 118, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 118, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 118, 146); box-shadow:4px 4px 4px 4px rgb(185, 118, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3465, 0.3622, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 118, 146) }
```

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

```
.background{ background-color: rgb(185,  
118, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor