

Converting Colors

$Yxy(23.1595, 0.3489, 0.2582)$

Have a look what the booklet for
Yxy(23.1595, 0.3489, 0.2582)
contains.

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Color

Yxy(23.2983, 0.3496, 0.2591)

Conversions

Conversions Part 1

Format	Color
Hex	B96B9E
RGB	185, 107, 158
RGB Percent	73%, 42%, 62%
CMY	0.2745, 0.5804, 0.3804
CMYK	0.00, 0.42, 0.15, 0.27
HSL	321°, 36%, 57%
HSV	321°, 42%, 73%
XYZ	31.4361, 23.2983, 35.1857
YIQ	136.1360, 30.1170, 32.3970

Conversions

Conversions Part 2

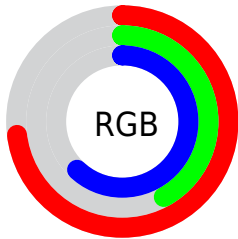
Format	Color
R _Y B	185, 107, 158
Decimal	12151710
CIE Lab	55.38, 38.12, -14.18
CIE LCh	55, 40.667, 339.594
Yxy	23.2983, 0.3496, 0.2591
Android (android.graphics.Color)	4290341790 (0xFFB96B9E)
YUV	136.1360, 10.7790, 42.8537
Hunter-Lab	48.2683, 31.7835, -9.4323

Details

The Yxy color **23.2983, 0.3496, 0.2591** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.5449, 0.2887, 0.4120**, and the grayscale version is **24.6253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8230, 0.3416, 0.2725**, and **8.7336, 0.3606, 0.2364** is the 20% darker color. If you saturate the color by 10%, you get **19.6307, 0.3620, 0.2436**, and if you desaturate by 10%, it is **27.8048, 0.3386, 0.2758**.

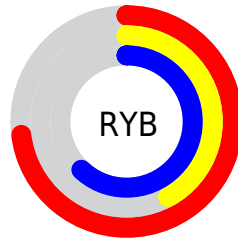
Distribution



Red (73%)

Green (42%)

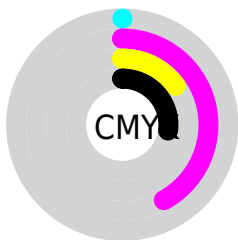
Blue (62%)



Red (73%)

Yellow (42%)

Blue (62%)

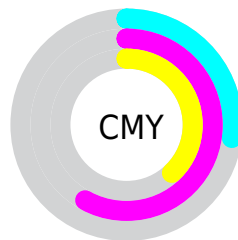


Cyan (0%)

Magenta (42%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (58%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2983, 0.3496, 0.2591 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 23.2983, 0.3496, 0.2591 by changing the saturation by 10% instead.


 23.2983, 0.3496,
0.2591


 23.2983, 0.3496,
0.2591


269.2534, 0.3301,
0.2959


 14.8139, 0.3548,
0.2493


 48.8827, 0.3422,
0.2729


 8.6889, 0.3618,
0.2364


 66.7515, 0.3396,
0.2780

 4.5388, 0.3714,
0.2186


 88.5172, 0.3373,
0.2822

 1.9793, 0.3856,
0.1927

 114.5642, 0.3354,
0.2858

 0.5954, 0.4114,
0.1457

145.2770, 0.3338,
0.2889

 0.0000, 0.5056,
0.0000

181.0398, 0.3324,

 0.0000, 0.0000,

0.2915

0.0000

222.2372, 0.3312,
0.2939

■ 23.2983, 0.3496,
0.2591

■ 23.2983, 0.3496,
0.2591

■ 19.6307, 0.3620,
0.2436

■ 27.8048, 0.3386,
0.2758

■ 16.7454, 0.3757,
0.2303

■ 33.1955, 0.3291,
0.2928

■ 14.5840, 0.3904,
0.2202


■ 39.5163, 0.3210,
0.3095


■ 13.0785, 0.4056,
0.2144

■ 46.8090, 0.3141,
0.3256


■ 12.1476, 0.4207,
0.2135

■ 55.1128, 0.3083,
0.3408

 11.6933, 0.4324,
0.2156

 64.4649, 0.3034,
0.3550

 74.9004, 0.2994,
0.3682

 86.4492, 0.2960,
0.3802

 86.7734, 0.2926,
0.3728

Harmonies

Analogous

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



23.2983, 0.2777, 0.2293



23.2983, 0.3496, 0.2591



23.2983, 0.4171, 0.3038

Triad

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



23.2983, 0.3496, 0.2591



23.2983, 0.4000, 0.4499



23.2983, 0.1902, 0.2762

Complementary

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



23.2983, 0.3496, 0.2591



39.5449, 0.2887, 0.4120

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.



23.2983, 0.2153, 0.3444



23.2983, 0.3496, 0.2591



23.2983, 0.3347, 0.4585

Square

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



23.2983, 0.3496, 0.2591



23.2983, 0.4448, 0.4088



23.2983, 0.2671, 0.4178



23.2983, 0.1932, 0.2341

Rectangle

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



23.2983, 0.3496, 0.2591



23.2983, 0.4457, 0.3384



23.2983, 0.2671, 0.4178



23.2983, 0.1954, 0.2965

Sweetspot

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



23.2994, 0.3496, 0.2591



69.5000, 0.3217, 0.3078



19.0064, 0.2603, 0.2088



14.4235, 0.3235, 0.3041



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.



23.2994, 0.3496, 0.2591



35.3496, 0.3616, 0.2441



22.1871, 0.4014, 0.3108



9.1085, 0.3189, 0.3142



7.9764, 0.4306, 0.2146



0.2924, 0.3957, 0.1953

Inverse Universe

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



23.2994, 0.3496, 0.2591



35.3496, 0.3616, 0.2441



40.8020, 0.2639, 0.3489



9.1085, 0.3189, 0.3142



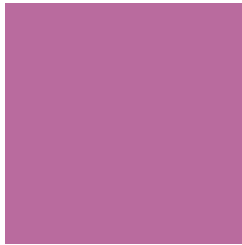
7.9764, 0.4306, 0.2146



0.2924, 0.3957, 0.1953

Previews

White Background



This preview shows how the Yxy color 23.2983, 0.3496, 0.2591 looks on a white background.

Color Contrast Check

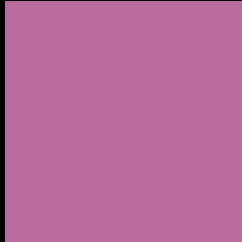
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2983, 0.3496, 0.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

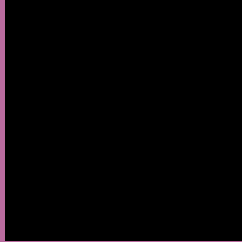
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2983, 0.3496, 0.2591

Background



This preview shows how black text looks on a background with the Yxy color 23.2983, 0.3496, 0.2591.



This preview shows how white text looks on a background with the Yxy color 23.2983, 0.3496, 0.2591.

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

23.2983, 0.3496, 0.2591

Protanopia

23.6626, 0.2612, 0.2589

Deuteranopia

23.5326, 0.2946, 0.2893



Tritanopia

23.2884, 0.3889, 0.3162

Trichromacy



Original Color

23.2983, 0.3496, 0.2591

Protanomaly

22.9598, 0.2883, 0.2571

Deuteranomaly

23.1556, 0.3140, 0.2775

Tritanomaly

23.0915, 0.3738, 0.2934

Monochromacy



Original Color

23.2983, 0.3496, 0.2591

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5509, 0.3260, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2983, 0.3496, 0.2591 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, 107, 158)` looks like.

```
.text, #text, p{  
    color:rgb(185, 107, 158)  
}
```

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, 107, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 107, 158) }
```

Border

The CSS property to change the border of an element to Yxy 23.2983, 0.3496, 0.2591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

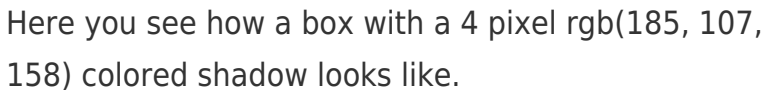
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 107, 158) }
```

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

```
.border{ border-color:rgb(185, 107, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 107, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 107, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 107, 158);  
box-shadow:4px 4px 4px 4px rgb(185, 107,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2983, 0.3496, 0.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 107, 158) }
```

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

```
.background{ background-color: rgb(185,  
107, 158) }
```

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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