

Converting Colors

$Y_{xy}(23.3091, 0.3536, 0.2839)$

Have a look what the booklet for
Yxy(23.3091, 0.3536, 0.2839)
contains.

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Color

Yxy(23.3091, 0.3536, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	B07291
RGB	176, 114, 145
RGB Percent	69%, 45%, 57%
CMY	0.3098, 0.5529, 0.4313
CMYK	0.00, 0.35, 0.18, 0.31
HSL	330°, 28%, 57%
HSV	330°, 35%, 69%
XYZ	29.0317, 23.3091, 29.7624
YIQ	136.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

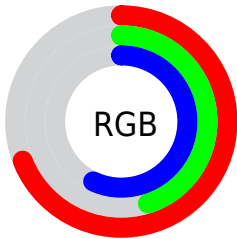
Format	Color
R_{YB}	176, 114, 145
Decimal	11563665
CIE _{Lab}	55.39, 29.02, -6.71
CIE _{LCh}	55, 29.783, 346.975
Yxy	23.3091, 0.3536, 0.2839
Android (android.graphics.Color)	4289753745 (0xFFB07291)
YUV	136.0720, 4.4015, 35.0169
Hunter-Lab	48.2795, 22.8475, -2.7543

Details

The Yxy color **23.3091, 0.3536, 0.2839** is a light color, and the websafe version is hex **996699**. A complement of this color would be **36.6685, 0.2853, 0.3794**, and the grayscale version is **24.6254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0846, 0.3451, 0.2934**, and **8.7444, 0.3674, 0.2682** is the 20% darker color. If you saturate the color by 10%, you get **19.4533, 0.3704, 0.2711**, and if you desaturate by 10%, it is **27.9519, 0.3393, 0.2971**.

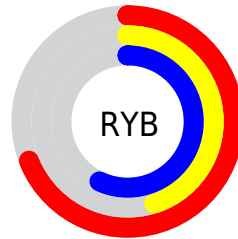
Distribution



Red (69%)

Green (45%)

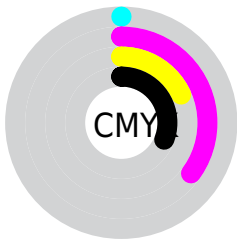
Blue (57%)



Red (69%)

Yellow (45%)

Blue (57%)

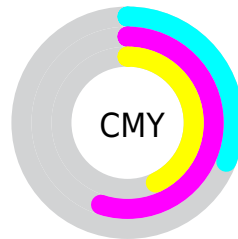


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (55%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3091, 0.3536, 0.2839 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 23.3091, 0.3536, 0.2839 by changing the saturation by 10% instead.


 23.3091, 0.3536,
0.2839

 23.3091, 0.3536,
0.2839


269.3086, 0.3312,
0.3083


 14.8219, 0.3599,
0.2772


 48.9004, 0.3449,
0.2932


 8.6945, 0.3686,
0.2681


 66.7732, 0.3419,
0.2966

 4.5425, 0.3811,
0.2551

 88.5435, 0.3393,
0.2994

 1.9814, 0.4007,
0.2354

 114.5954, 0.3372,
0.3017

 0.5966, 0.4399,
0.1938

145.3135, 0.3353,
0.3037

 0.0000, 1.0000,
0.0000

181.0822, 0.3338,

 0.0000, 0.0000,

0.3054

0.0000

222.2858, 0.3324,
0.3069

■ 23.3091, 0.3536,
0.2839

■ 23.3091, 0.3536,
0.2839

■ 19.4533, 0.3704,
0.2711

■ 27.9519, 0.3393,
0.2971

■ 16.3369, 0.3898,
0.2595

■ 33.4193, 0.3273,
0.3102

■ 13.9120, 0.4116,
0.2501


■ 39.7506, 0.3172,
0.3227


■ 12.1237, 0.4352,
0.2443


■ 46.9813, 0.3089,
0.3345


■ 10.9086, 0.4596,
0.2431

■ 55.1452, 0.3021,
0.3455


 10.1885, 0.4836,
0.2472

 64.2741, 0.2964,
0.3557

 9.9341, 0.4951,
0.2501

 74.3984, 0.2917,
0.3650

 85.5471, 0.2878,
0.3735

 86.1400, 0.2833,
0.3634

Harmonies

Analogous

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



23.3091, 0.3000, 0.2571



23.3091, 0.3536, 0.2839



23.3091, 0.3981, 0.3212

Triad

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



23.3091, 0.3536, 0.2839



23.3091, 0.3685, 0.4226



23.3091, 0.2182, 0.2818

Complementary

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



23.3091, 0.3536, 0.2839



36.6685, 0.2853, 0.3794

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.



23.3091, 0.2331, 0.3282



23.3091, 0.3536, 0.2839



23.3091, 0.3183, 0.4173

Square

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



23.3091, 0.3536, 0.2839



23.3091, 0.4056, 0.4000



23.3091, 0.2689, 0.3808



23.3091, 0.2255, 0.2535

Rectangle

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



23.3091, 0.3536, 0.2839



23.3091, 0.4144, 0.3487



23.3091, 0.2689, 0.3808



23.3091, 0.2207, 0.2956

Sweetspot

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



23.3102, 0.3536, 0.2839



65.0511, 0.3230, 0.3153



21.0969, 0.2809, 0.2338



13.7779, 0.3244, 0.3137



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



23.3102, 0.3536, 0.2839



36.8953, 0.3660, 0.2742



22.5042, 0.3934, 0.3277



8.5738, 0.3211, 0.3177



7.3016, 0.4928, 0.2488



0.2415, 0.4327, 0.2157

Inverse Universe

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



23.3102, 0.3536, 0.2839



36.8953, 0.3660, 0.2742



37.7181, 0.2646, 0.3305



8.5738, 0.3211, 0.3177



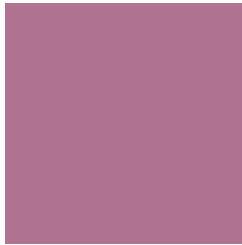
7.3016, 0.4928, 0.2488



0.2415, 0.4327, 0.2157

Previews

White Background



This preview shows how the Yxy color 23.3091, 0.3536, 0.2839 looks on a white background.

Color Contrast Check

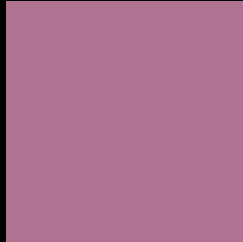
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3091, 0.3536, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

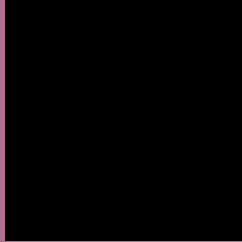
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3091, 0.3536, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 23.3091, 0.3536, 0.2839.



This preview shows how white text looks on a background with the Yxy color 23.3091, 0.3536, 0.2839.

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

23.3091, 0.3536, 0.2839

Protanopia

23.5260, 0.2835, 0.2870

Deuteranopia

23.4043, 0.3137, 0.3074



Tritanopia

23.2276, 0.3749, 0.3157

Trichromacy



Original Color

23.3091, 0.3536, 0.2839

Protanomaly

22.9869, 0.3056, 0.2837

Deuteranomaly

23.2685, 0.3273, 0.2987

Tritanomaly

23.2982, 0.3673, 0.3039

Monochromacy



Original Color

23.3091, 0.3536, 0.2839

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8817, 0.3276, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3091, 0.3536, 0.2839 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(176, 114, 145)` looks like.

```
.text, #text, p{  
    color:rgb(176, 114, 145)  
}
```

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(176, 114, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 114, 145) }
```

Border

The CSS property to change the border of an element to Yxy 23.3091, 0.3536, 0.2839 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(176, 114, 145) }
```

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

```
.border{ border-color:rgb(176, 114, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 114, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 114, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 114, 145);  
box-shadow:4px 4px 4px 4px rgb(176, 114,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3091, 0.3536, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 114, 145) }
```

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

```
.background{ background-color: rgb(176,  
114, 145) }
```

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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