

Converting Colors

$Y_{xy}(23.1364, 0.3038, 0.2492)$

Have a look what the booklet for
Yxy(23.1364, 0.3038, 0.2492)
contains.

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Color

Yxy(23.1364, 0.3038, 0.2492)

Conversions

Conversions Part 1

Format	Color
Hex	A075AB
RGB	160, 117, 171
RGB Percent	63%, 46%, 67%
CMY	0.3726, 0.5411, 0.3295
CMYK	0.06, 0.32, 0.00, 0.33
HSL	288°, 24%, 56%
HSV	288°, 32%, 67%
XYZ	28.2056, 23.1364, 41.5007
YIQ	136.0130, 8.2940, 25.9100

Conversions

Conversions Part 2

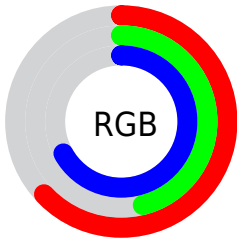
Format	Color
RYB	160, 117, 171
Decimal	10515883
CIELab	55.21, 26.55, -22.23
CIELCh	55, 34.630, 320.067
Yxy	23.1364, 0.3038, 0.2492
Android (android.graphics.Color)	4288705963 (0xFFA075AB)
YUV	136.0130, 17.2486, 21.0366
Hunter-Lab	48.1003, 20.4953, -17.4849

Details

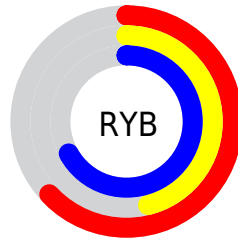
The Yxy color **23.1364, 0.3038, 0.2492** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.9963, 0.3181, 0.4173**, and the grayscale version is **24.5578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6875, 0.3064, 0.2658**, and **8.6543, 0.2989, 0.2233** is the 20% darker color. If you saturate the color by 10%, you get **19.1555, 0.2999, 0.2235**, and if you desaturate by 10%, it is **27.8572, 0.3072, 0.2752**.

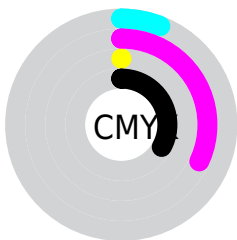
Distribution



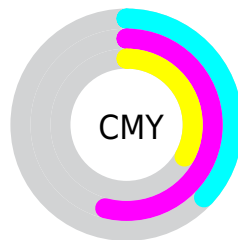
- Red (63%)
- Green (46%)
- Blue (67%)



- Red (63%)
- Yellow (46%)
- Blue (67%)



- Cyan (6%)
- Magenta (32%)
- Yellow (0%)
- Black (33%)





- Cyan (37%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1364, 0.3038, 0.2492 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 23.1364, 0.3038, 0.2492 by changing the saturation by 10% instead.


 23.1364, 0.3038,
0.2492


 23.1364, 0.3038,
0.2492


268.4248, 0.3096,
0.2911

 14.6943, 0.3018,
0.2381


 48.6172, 0.3063,
0.2649

 8.6051, 0.2988,
0.2236

 66.4246, 0.3071,
0.2706

 4.4845, 0.2942,
0.2038


 88.1226, 0.3078,
0.2754

 1.9481, 0.2861,
0.1753

114.0956, 0.3083,
0.2795

 0.5771, 0.2719,
0.1256

144.7279, 0.3087,
0.2830

 0.0000, 0.1288,
0.0000

180.4039, 0.3091,

 0.0000, 0.0000,

0.2861

0.0000

221.5081, 0.3094,
0.2888

■ 23.1364, 0.3038,
0.2492

■ 23.1364, 0.3038,
0.2492

■ 19.1555, 0.2999,
0.2235

■ 27.8572, 0.3072,
0.2752

■ 15.8717, 0.2954,
0.1989

■ 33.3516, 0.3100,
0.3008

■ 13.2424, 0.2905,
0.1767


■ 39.6548, 0.3124,
0.3253


■ 11.2194, 0.2853,
0.1577


■ 46.7991, 0.3143,
0.3483


■ 9.7471, 0.2799,
0.1428


■ 54.8148, 0.3158,
0.3697


 8.7602, 0.2745,
0.1324

 63.7310, 0.3169,
0.3893

 8.1849, 0.2701,
0.1261

 73.5751, 0.3177,
0.4072

 84.3735, 0.3183,
0.4234

 85.5824, 0.3204,
0.4239

Harmonies

Analogous

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



23.1364, 0.2495, 0.2343



23.1364, 0.3038, 0.2492



23.1364, 0.3663, 0.2809

Triad

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



23.1364, 0.3038, 0.2492



23.1364, 0.4166, 0.4137



23.1364, 0.2180, 0.3210

Complementary

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



23.1364, 0.3038, 0.2492



34.9963, 0.3181, 0.4173

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.



23.1364, 0.2562, 0.3839



23.1364, 0.3038, 0.2492



23.1364, 0.3708, 0.4392

Square

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



23.1364, 0.3038, 0.2492



23.1364, 0.4348, 0.3709



23.1364, 0.3119, 0.4306



23.1364, 0.2040, 0.2690

Rectangle

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



23.1364, 0.3038, 0.2492



23.1364, 0.4025, 0.3087



23.1364, 0.3119, 0.4306



23.1364, 0.2282, 0.3418

Sweetspot

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



23.1374, 0.3038, 0.2492



62.3238, 0.3107, 0.3068



22.3462, 0.2601, 0.2584



13.5562, 0.3103, 0.3033



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



23.1374, 0.3038, 0.2492



36.2445, 0.3011, 0.2308



23.7721, 0.3338, 0.2724



8.0644, 0.3106, 0.3064



6.1938, 0.2706, 0.1264



0.1929, 0.2868, 0.1353

Inverse Universe

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



22.9411, 0.3684, 0.3125



35.9108, 0.3867, 0.3086



34.5783, 0.2967, 0.3934



8.0411, 0.3255, 0.3244



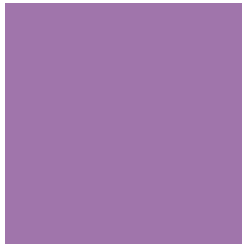
6.6240, 0.6030, 0.3095



0.1918, 0.5240, 0.2660

Previews

White Background



This preview shows how the Yxy color 23.1364, 0.3038, 0.2492 looks on a white background.

Color Contrast Check

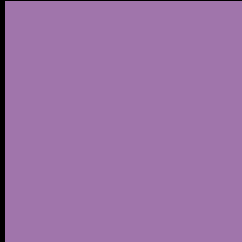
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1364, 0.3038, 0.2492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

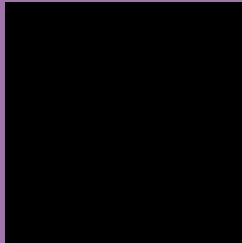
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1364, 0.3038, 0.2492

Background



This preview shows how black text looks on a background with the Yxy color 23.1364, 0.3038, 0.2492.



This preview shows how white text looks on a background with the Yxy color 23.1364, 0.3038, 0.2492.

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

23.1364, 0.3038, 0.2492

Protanopia

23.4203, 0.2537, 0.2483

Deuteranopia

23.2280, 0.2714, 0.2665



Tritanopia

23.1051, 0.3390, 0.3130

Trichromacy



Original Color

23.1364, 0.3038, 0.2492

Protanomaly

23.0826, 0.2699, 0.2485

Deuteranomaly

22.9351, 0.2820, 0.2590

Tritanomaly

22.9494, 0.3267, 0.2882

Monochromacy



Original Color

23.1364, 0.3038, 0.2492

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8902, 0.3097, 0.2965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1364, 0.3038, 0.2492 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(160, 117, 171)` looks like.

```
.text, #text, p{  
    color:rgb(160, 117, 171)  
}
```

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(160, 117, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 117, 171) }
```

Border

The CSS property to change the border of an element to Yxy 23.1364, 0.3038, 0.2492 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(160, 117, 171) }
```

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

```
.border{ border-color:rgb(160, 117, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 117, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 117, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 117, 171);  
box-shadow:4px 4px 4px 4px rgb(160, 117,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1364, 0.3038, 0.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 117, 171) }
```

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

```
.background{ background-color: rgb(160,  
117, 171) }
```

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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