

Converting Colors

$Y_{xy}(24.6675, 0.3053, 0.2589)$

Have a look what the booklet for
Yxy(24.6675, 0.3053, 0.2589)
contains.

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Color

Yxy(24.6833, 0.3048, 0.2583)

Conversions

Conversions Part 1

Format	Color
Hex	A17BAB
RGB	161, 123, 171
RGB Percent	63%, 48%, 67%
CMY	0.3687, 0.5176, 0.3295
CMYK	0.06, 0.28, 0.00, 0.33
HSL	287°, 22%, 58%
HSV	287°, 28%, 67%
XYZ	29.1269, 24.6833, 41.7504
YIQ	139.8340, 7.2400, 22.9840

Conversions

Conversions Part 2

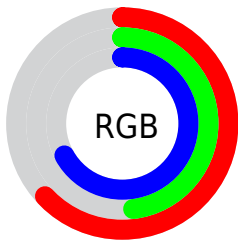
Format	Color
RYB	161, 123, 171
Decimal	10582955
CIELab	56.77, 23.45, -19.84
CIElCh	57, 30.720, 319.768
Yxy	24.6833, 0.3048, 0.2583
Android (android.graphics.Color)	4288773035 (0xFFA17BAB)
YUV	139.8340, 15.3648, 18.5626
Hunter-Lab	49.6823, 17.7039, -15.0466

Details

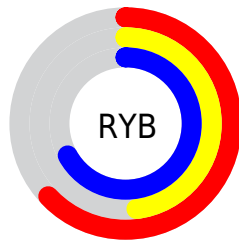
The Yxy color **24.6833, 0.3048, 0.2583** is a light color, and the websafe version is hex **996699**. A complement of this color would be **35.5401, 0.3179, 0.4062**, and the grayscale version is **26.0950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1406, 0.3070, 0.2727**, and **9.4807, 0.3005, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **20.4401, 0.3009, 0.2323**, and if you desaturate by 10%, it is **29.6801, 0.3081, 0.2843**.

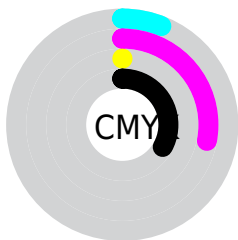
Distribution



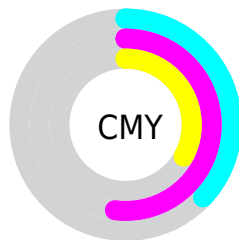
- Red (63%)
- Green (48%)
- Blue (67%)



- Red (63%)
- Yellow (48%)
- Blue (67%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)





- Cyan (37%)
- Magenta (52%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6833, 0.3048, 0.2583 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 24.6833, 0.3048, 0.2583 by changing the saturation by 10% instead.


 24.6833, 0.3048,
0.2583

 24.6833, 0.3048,
0.2583


276.2571, 0.3099,
0.2954


 15.8413, 0.3031,
0.2485


 51.1430, 0.3069,
0.2722

 9.4119, 0.3006,
0.2356


 69.5294, 0.3076,
0.2773

 5.0108, 0.2968,
0.2180


 91.8661, 0.3082,
0.2815

 2.2536, 0.2902,
0.1926

118.5374, 0.3087,
0.2851

 0.7490, 0.2775,
0.1521

149.9278, 0.3090,
0.2882

 0.0000, 0.1888,
0.0000

186.4216, 0.3094,

 0.0000, 0.0000,

0.2909

0.0000

228.4032, 0.3096,
0.2933

■ 24.6833, 0.3048,
0.2583

■ 24.6833, 0.3048,
0.2583

■ 20.4401, 0.3009,
0.2323

■ 29.6801, 0.3081,
0.2843

■ 16.9088, 0.2965,
0.2072

■ 35.4633, 0.3109,
0.3095

■ 14.0483, 0.2916,
0.1839

■ 42.0673, 0.3131,
0.3336

■ 11.8121, 0.2864,
0.1636

■ 49.5237, 0.3149,
0.3560

■ 10.1475, 0.2809,
0.1471

■ 57.8624, 0.3163,
0.3768

8.9932, 0.2754,
0.1350

67.1118, 0.3174,
0.3958

8.2462, 0.2699,
0.1269

77.2991, 0.3182,
0.4130

8.1161, 0.2689,
0.1255

85.3454, 0.3192,
0.4242

85.8090, 0.3215,
0.4236

Harmonies

Analogous

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



24.6833, 0.2571, 0.2453



24.6833, 0.3048, 0.2583



24.6833, 0.3589, 0.2865

Triad

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



24.6833, 0.3048, 0.2583



24.6833, 0.4041, 0.4037



24.6833, 0.2299, 0.3233

Complementary

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



24.6833, 0.3048, 0.2583



35.5401, 0.3179, 0.4062

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.



24.6833, 0.2642, 0.3768



24.6833, 0.3048, 0.2583



24.6833, 0.3647, 0.4246

Square

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



24.6833, 0.3048, 0.2583



24.6833, 0.4188, 0.3666



24.6833, 0.3134, 0.4162



24.6833, 0.2169, 0.2776

Rectangle

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



24.6833, 0.3048, 0.2583



24.6833, 0.3902, 0.3114



24.6833, 0.3134, 0.4162



24.6833, 0.2391, 0.3412

Sweetspot

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



24.6844, 0.3048, 0.2583



63.4281, 0.3108, 0.3093



24.0394, 0.2666, 0.2674



13.7837, 0.3105, 0.3057



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.



24.6844, 0.3048, 0.2583



39.0912, 0.3023, 0.2412



25.2743, 0.3309, 0.2788



8.0625, 0.3105, 0.3064



6.1423, 0.2694, 0.1258



0.1918, 0.2859, 0.1349

Inverse Universe

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



24.5206, 0.3600, 0.3140



38.8081, 0.3755, 0.3104



35.1280, 0.2984, 0.3851



8.0417, 0.3255, 0.3243



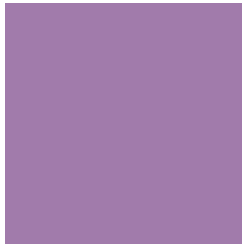
6.6278, 0.6016, 0.3088



0.1921, 0.5219, 0.2649

Previews

White Background



This preview shows how the Yxy color 24.6833, 0.3048, 0.2583 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 24.6833, 0.3048, 0.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

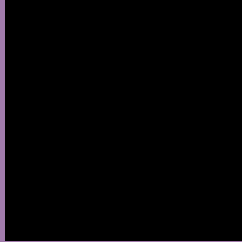
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6833, 0.3048, 0.2583

Background



This preview shows how black text looks on a background with the Yxy color 24.6833, 0.3048, 0.2583.



This preview shows how white text looks on a background with the Yxy color 24.6833, 0.3048, 0.2583.

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

24.6833, 0.3048, 0.2583

Protanopia

24.9083, 0.2605, 0.2574

Deuteranopia

24.9013, 0.2779, 0.2728



Tritanopia

24.6325, 0.3334, 0.3132

Trichromacy



Original Color

24.6833, 0.3048, 0.2583

Protanomaly

24.7253, 0.2745, 0.2574

Deuteranomaly

24.7072, 0.2867, 0.2666

Tritanomaly

24.6822, 0.3226, 0.2919

Monochromacy



Original Color

24.6833, 0.3048, 0.2583

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5805, 0.3107, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6833, 0.3048, 0.2583 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(161, 123, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 123, 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(161, 123, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 123, 171) }
```

Border

The CSS property to change the border of an element to Yxy 24.6833, 0.3048, 0.2583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

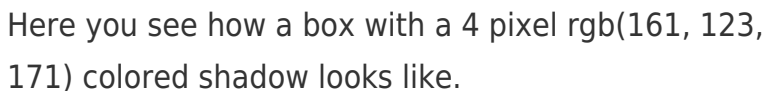
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 123, 171) }
```

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

```
.border{ border-color:rgb(161, 123, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 123, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 123, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 123, 171); box-shadow:4px 4px 4px 4px rgb(161, 123, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6833, 0.3048, 0.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 123, 171) }
```

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

```
.background{ background-color: rgb(161,  
123, 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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