

Converting Colors

$Y_{xy}(23.1035, 0.3172, 0.2843)$

Have a look what the booklet for
Yxy(23.1035, 0.3172, 0.2843)
contains.

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Color

Yxy(23.1726, 0.3171, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	997B97
RGB	153, 123, 151
RGB Percent	60%, 48%, 59%
CMY	0.4001, 0.5176, 0.4078
CMYK	0.00, 0.20, 0.01, 0.40
HSL	304°, 13%, 54%
HSV	304°, 20%, 60%
XYZ	25.8007, 23.1726, 32.3912
YIQ	135.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

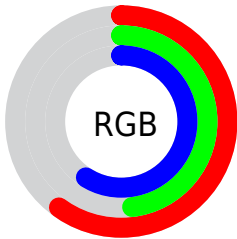
Format	Color
R_{YB}	153, 123, 151
Decimal	10058647
CIE _{Lab}	55.25, 16.63, -10.67
CIE _{LCh}	55, 19.759, 327.326
Yxy	23.1726, 0.3171, 0.2848
Android (android.graphics.Color)	4288248727 (0xFF997B97)
YUV	135.1620, 7.8081, 15.6439
Hunter-Lab	48.1379, 11.4300, -6.1987

Details

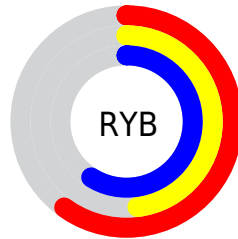
The Yxy color $23.1726, 0.3171, 0.2848$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $28.4634, 0.3085, 0.3776$, and the grayscale version is $24.2594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.8683, 0.3169, 0.2947$, and $8.6424, 0.3191, 0.2696$ is the 20% darker color. If you saturate the color by 10%, you get $19.6373, 0.3196, 0.2619$, and if you desaturate by 10%, it is $27.3033, 0.3148, 0.3077$.

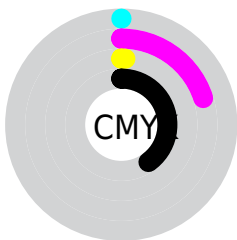
Distribution



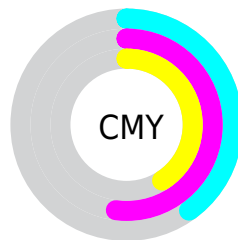
- Red (60%)
- Green (48%)
- Blue (59%)



- Red (60%)
- Yellow (48%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (40%)




- Cyan (40%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1726, 0.3171, 0.2848 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 23.1726, 0.3171, 0.2848 by changing the saturation by 10% instead.


 23.1726, 0.3171,
0.2848


 23.1726, 0.3171,
0.2848


268.6103, 0.3150,
0.3087


 14.7210, 0.3176,
0.2782


 48.6766, 0.3164,
0.2940

 8.6238, 0.3181,
0.2692


 66.4978, 0.3161,
0.2972

 4.4966, 0.3188,
0.2565


 88.2109, 0.3158,
0.3000

 1.9551, 0.3194,
0.2370

114.2005, 0.3156,
0.3023

 0.5812, 0.3228,
0.1946

144.8508, 0.3154,
0.3042

 0.0000, 0.0000,
0.0000

180.5462, 0.3153,

0.3059

221.6713, 0.3151,
0.3074

■ 23.1726, 0.3171,
0.2848

■ 23.1726, 0.3171,
0.2848

■ 19.6373, 0.3196,
0.2619

■ 27.3033, 0.3148,
0.3077

■ 16.6668, 0.3223,
0.2396

■ 32.0519, 0.3126,
0.3299

■ 14.2325, 0.3251,
0.2189

■ 37.4437, 0.3107,
0.3511

■ 12.3021, 0.3279,
0.2006

■ 43.5015, 0.3090,
0.3711

■ 10.8399, 0.3306,
0.1856

■ 50.2471, 0.3076,
0.3896

■ 9.8052, 0.3332,
0.1744

■ 57.7012, 0.3063,
0.4066

■ 9.1508, 0.3356,
0.1674

■ 65.8837, 0.3052,
0.4221

■ 8.7654, 0.3377,
0.1636

■ 74.8137, 0.3042,
0.4363

■ 8.7501, 0.3378,
0.1635

■ 80.8279, 0.3035,
0.4440

Harmonies

Analogous

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



23.1726, 0.2832, 0.2730



23.1726, 0.3171, 0.2848



23.1726, 0.3515, 0.3068

Triad

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



23.1726, 0.3171, 0.2848



23.1726, 0.3685, 0.3842



23.1726, 0.2533, 0.3180

Complementary

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



23.1726, 0.3171, 0.2848



28.4634, 0.3085, 0.3776

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.



23.1726, 0.2739, 0.3517



23.1726, 0.3171, 0.2848



23.1726, 0.3401, 0.3915

Square

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



23.1726, 0.3171, 0.2848



23.1726, 0.3820, 0.3627



23.1726, 0.3054, 0.3797



23.1726, 0.2479, 0.2900

Rectangle

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



23.1726, 0.3171, 0.2848



23.1726, 0.3695, 0.3251



23.1726, 0.3054, 0.3797



23.1726, 0.2586, 0.3291

Sweetspot

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



23.1736, 0.3171, 0.2848



51.7373, 0.3140, 0.3155



20.7927, 0.2828, 0.2771



11.3180, 0.3141, 0.3142



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



23.1736, 0.3171, 0.2848



38.9420, 0.3181, 0.2759



22.7309, 0.3338, 0.3072



6.3167, 0.3147, 0.3085



7.2374, 0.3377, 0.1634



0.1100, 0.3295, 0.1589

Inverse Universe

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



23.1736, 0.3171, 0.2848



38.9420, 0.3181, 0.2759



28.8616, 0.2957, 0.3519



6.3167, 0.3147, 0.3085



7.2374, 0.3377, 0.1634



0.1100, 0.3295, 0.1589

Previews

White Background



This preview shows how the Yxy color 23.1726, 0.3171, 0.2848 looks on a white background.

Color Contrast Check

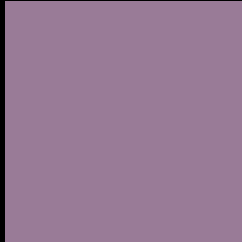
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1726, 0.3171, 0.2848 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 23.1726, 0.3171, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 23.1726, 0.3171, 0.2848.



This preview shows how white text looks on a background with the Yxy color 23.1726, 0.3171, 0.2848.

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

23.1726, 0.3171, 0.2848

Protanopia

23.1449, 0.2833, 0.2867

Deuteranopia

23.2209, 0.2997, 0.2940



Tritanopia

23.2786, 0.3314, 0.3128

Trichromacy



Original Color

23.1726, 0.3171, 0.2848

Protanomaly

23.0057, 0.2946, 0.2859

Deuteranomaly

23.2204, 0.3065, 0.2914

Tritanomaly

23.2657, 0.3270, 0.3032

Monochromacy



Original Color

23.1726, 0.3171, 0.2848

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.9065, 0.3146, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1726, 0.3171, 0.2848 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(153, 123, 151)` looks like.

```
.text, #text, p{  
    color:rgb(153, 123, 151)  
}
```

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(153, 123, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 123, 151) }
```

Border

The CSS property to change the border of an element to Yxy 23.1726, 0.3171, 0.2848 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(153, 123, 151) }
```

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

```
.border{ border-color:rgb(153, 123, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 123, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 123, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 123, 151);  
box-shadow:4px 4px 4px 4px rgb(153, 123,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1726, 0.3171, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 123, 151) }
```

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

```
.background{ background-color: rgb(153,  
123, 151) }
```

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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