

Converting Colors

$Y_{xy}(23.3988, 0.3172, 0.2842)$

Have a look what the booklet for
Yxy(23.3988, 0.3172, 0.2842)
contains.

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Color

Yxy(23.3029, 0.3172, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	9A7B98
RGB	154, 123, 152
RGB Percent	60%, 48%, 60%
CMY	0.3961, 0.5176, 0.4040
CMYK	0.00, 0.20, 0.01, 0.40
HSL	304°, 13%, 54%
HSV	304°, 20%, 60%
XYZ	26.0729, 23.3029, 32.8213
YIQ	135.5750, 9.1670, 15.5910

Conversions

Conversions Part 2

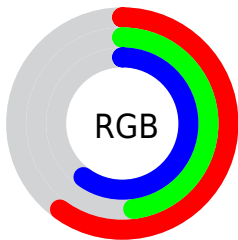
Format	Color
R_{YB}	154, 123, 152
Decimal	10124184
CIE _{Lab}	55.38, 17.19, -11.03
CIE _{LCh}	55, 20.425, 327.328
Yxy	23.3029, 0.3172, 0.2835
Android (android.graphics.Color)	4288314264 (0xFF9A7B98)
YUV	135.5750, 8.0975, 16.1587
Hunter-Lab	48.2731, 11.9324, -6.5207

Details

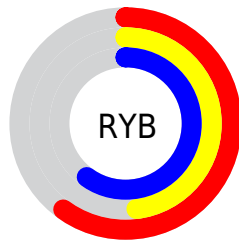
The Yxy color $23.3029, 0.3172, 0.2835$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $28.7982, 0.3084, 0.3792$, and the grayscale version is $24.4200, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.0622, 0.3170, 0.2936$, and $8.7207, 0.3191, 0.2678$ is the 20% darker color. If you saturate the color by 10%, you get $19.7464, 0.3197, 0.2606$, and if you desaturate by 10%, it is $27.4627, 0.3149, 0.3064$.

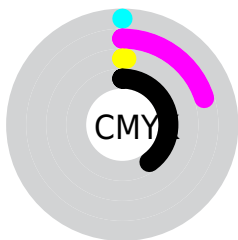
Distribution



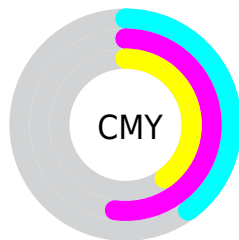
- Red (60%)
- Green (48%)
- Blue (60%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3029, 0.3172, 0.2835 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 23.3029, 0.3172, 0.2835 by changing the saturation by 10% instead.


 23.3029, 0.3172,
0.2835


 23.3029, 0.3172,
0.2835


269.2770, 0.3150,
0.3081

 14.8173, 0.3177,
0.2767


 48.8902, 0.3165,
0.2929

 8.6913, 0.3182,
0.2676


 66.7607, 0.3162,
0.2963

 4.5404, 0.3189,
0.2546

 88.5284, 0.3159,
0.2991

 1.9802, 0.3194,
0.2347

114.5775, 0.3157,
0.3014

 0.5959, 0.3223,
0.1931

145.2925, 0.3155,
0.3035

 0.0000, 0.0000,
0.0000

181.0579, 0.3153,

0.3052

222.2579, 0.3152,
0.3067

■ 23.3029, 0.3172,
0.2835

■ 23.3029, 0.3172,
0.2835

■ 19.7464, 0.3197,
0.2606

■ 27.4627, 0.3149,
0.3064

■ 16.7620, 0.3224,
0.2383

■ 32.2489, 0.3127,
0.3288

■ 14.3206, 0.3252,
0.2177

■ 37.6871, 0.3108,
0.3501

■ 12.3891, 0.3279,
0.1995

■ 43.8006, 0.3091,
0.3701

■ 10.9309, 0.3306,
0.1847

■ 50.6117, 0.3077,
0.3887

■ 9.9045, 0.3332,
0.1737

■ 58.1413, 0.3064,
0.4058

■ 9.2613, 0.3355,
0.1669

■ 66.4099, 0.3052,
0.4215

■ 8.8830, 0.3376,
0.1633

■ 75.4369, 0.3043,
0.4357

■ 80.9591, 0.3036,
0.4427

Harmonies

Analogous

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



23.3029, 0.2822, 0.2714



23.3029, 0.3172, 0.2835



23.3029, 0.3528, 0.3061

Triad

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



23.3029, 0.3172, 0.2835



23.3029, 0.3702, 0.3859



23.3029, 0.2515, 0.3175

Complementary

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



23.3029, 0.3172, 0.2835



28.7982, 0.3084, 0.3792

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.



23.3029, 0.2727, 0.3524



23.3029, 0.3172, 0.2835



23.3029, 0.3409, 0.3936

Square

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



23.3029, 0.3172, 0.2835



23.3029, 0.3842, 0.3637



23.3029, 0.3051, 0.3815



23.3029, 0.2459, 0.2887

Rectangle

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



23.3029, 0.3172, 0.2835



23.3029, 0.3713, 0.3249



23.3029, 0.3051, 0.3815



23.3029, 0.2570, 0.3290

Sweetspot

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



23.3039, 0.3172, 0.2835



53.2330, 0.3140, 0.3154



20.8288, 0.2819, 0.2755



11.9342, 0.3141, 0.3141



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



23.3039, 0.3172, 0.2835



39.3882, 0.3183, 0.2734



22.8422, 0.3345, 0.3066



6.3168, 0.3147, 0.3085



7.2411, 0.3374, 0.1632



0.1100, 0.3294, 0.1588

Inverse Universe

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



23.3039, 0.3172, 0.2835



39.3882, 0.3183, 0.2734



29.2120, 0.2952, 0.3526



6.3168, 0.3147, 0.3085



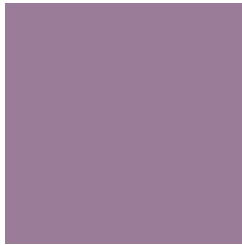
7.2411, 0.3374, 0.1632



0.1100, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 23.3029, 0.3172, 0.2835 looks on a white background.

Color Contrast Check

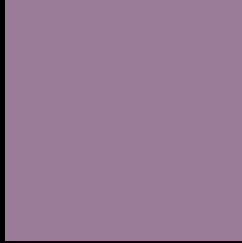
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3029, 0.3172, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

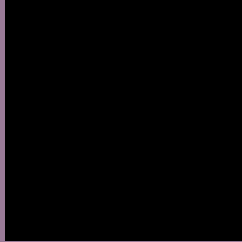
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3029, 0.3172, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 23.3029, 0.3172, 0.2835.



This preview shows how white text looks on a background with the Yxy color 23.3029, 0.3172, 0.2835.

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

23.3029, 0.3172, 0.2835

Protanopia

23.5603, 0.2826, 0.2854

Deuteranopia

23.2532, 0.2987, 0.2924



Tritanopia

23.3747, 0.3326, 0.3128

Trichromacy



Original Color

23.3029, 0.3172, 0.2835

Protanomaly

23.4192, 0.2937, 0.2846

Deuteranomaly

23.2527, 0.3054, 0.2898

Tritanomaly

23.3925, 0.3271, 0.3018

Monochromacy



Original Color

23.3029, 0.3172, 0.2835

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0252, 0.3147, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3029, 0.3172, 0.2835 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(154, 123, 152)` looks like.

```
.text, #text, p{  
    color:rgb(154, 123, 152)  
}
```

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(154, 123, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 123, 152) }
```

Border

The CSS property to change the border of an element to Yxy 23.3029, 0.3172, 0.2835 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(154, 123, 152) }
```

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

```
.border{ border-color:rgb(154, 123, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 123, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 123, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 123, 152);  
box-shadow:4px 4px 4px 4px rgb(154, 123,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3029, 0.3172, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 123, 152) }
```

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

```
.background{ background-color: rgb(154,  
123, 152) }
```

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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