

Converting Colors

$Y_{xy}(23.3620, 0.3227, 0.2815)$

Have a look what the booklet for
Yxy(23.3620, 0.3227, 0.2815)
contains.

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Color

Yxy(23.3127, 0.3233, 0.2812)

Conversions

Conversions Part 1

Format	Color
Hex	9F7998
RGB	159, 121, 152
RGB Percent	62%, 47%, 60%
CMY	0.3764, 0.5255, 0.4040
CMYK	0.00, 0.24, 0.04, 0.38
HSL	311°, 17%, 55%
HSV	311°, 24%, 62%
XYZ	26.8030, 23.3127, 32.7887
YIQ	135.8960, 12.6970, 17.6970

Conversions

Conversions Part 2

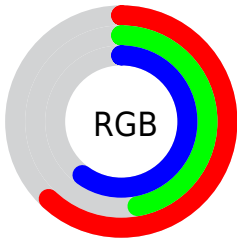
Format	Color
R_{YB}	159, 121, 152
Decimal	10451352
CIE _{Lab}	55.39, 20.15, -10.96
CIE _{LCh}	55, 22.943, 331.453
Yxy	23.3127, 0.3233, 0.2812
Android (android.graphics.Color)	4288641432 (0xFF9F7998)
YUV	135.8960, 7.9393, 20.2622
Hunter-Lab	48.2832, 14.5932, -6.4650

Details

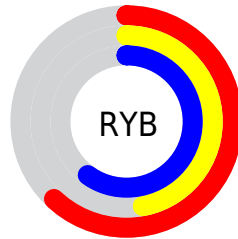
The Yxy color $23.3127, 0.3233, 0.2812$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $30.4223, 0.3037, 0.3820$, and the grayscale version is $24.5464, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.0245, 0.3214, 0.2917$, and $8.7001, 0.3266, 0.2648$ is the 20% darker color. If you saturate the color by 10%, you get $19.6673, 0.3288, 0.2608$, and if you desaturate by 10%, it is $27.5995, 0.3184, 0.3016$.

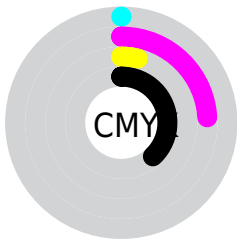
Distribution



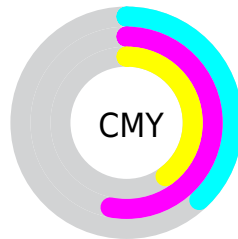
- Red (62%)
- Green (47%)
- Blue (60%)



- Red (62%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (38%)





- Cyan (38%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.3127, 0.3233, 0.2812 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 23.3127, 0.3233, 0.2812 by changing the saturation by 10% instead.


 23.3127, 0.3233,
0.2812


 23.3127, 0.3233,
0.2812


269.3270, 0.3178,
0.3069


 14.8246, 0.3247,
0.2741


 48.9063, 0.3213,
0.2910

 8.6964, 0.3266,
0.2646


 66.7805, 0.3205,
0.2946

 4.5437, 0.3291,
0.2511


 88.5522, 0.3199,
0.2975

 1.9821, 0.3325,
0.2307

114.6058, 0.3193,
0.3000

 0.5970, 0.3406,
0.1885

145.3257, 0.3189,
0.3021

 0.0000, 0.0331,
0.0000

181.0963, 0.3185,

 0.0000, 0.0000,

0.3039

0.0000

222.3019, 0.3181,
0.3055

■ 23.3127, 0.3233,
0.2812

■ 23.3127, 0.3233,
0.2812

■ 19.6673, 0.3288,
0.2608

■ 27.5995, 0.3184,
0.3016

■ 16.6290, 0.3348,
0.2412

■ 32.5538, 0.3142,
0.3215

■ 14.1651, 0.3414,
0.2231

■ 38.2038, 0.3105,
0.3405

■ 12.2384, 0.3483,
0.2076

■ 44.5752, 0.3074,
0.3583

■ 10.8074, 0.3553,
0.1955

■ 51.6925, 0.3047,
0.3749

■ 9.8246, 0.3624,
0.1875

■ 59.5790, 0.3025,
0.3903

■ 9.2329, 0.3691,
0.1839

■ 68.2569, 0.3006,
0.4044

■ 8.9740, 0.3732,
0.1830

■ 77.7477, 0.2990,
0.4173

■ 82.1221, 0.2976,
0.4203

Harmonies

Analogous

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



23.3127, 0.2834, 0.2659



23.3127, 0.3233, 0.2812



23.3127, 0.3625, 0.3074

Triad

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



23.3127, 0.3233, 0.2812



23.3127, 0.3733, 0.3950



23.3127, 0.2424, 0.3107

Complementary

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



23.3127, 0.3233, 0.2812



30.4223, 0.3037, 0.3820

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.



23.3127, 0.2636, 0.3499



23.3127, 0.3233, 0.2812



23.3127, 0.3387, 0.4014

Square

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



23.3127, 0.3233, 0.2812



23.3127, 0.3921, 0.3714



23.3127, 0.2985, 0.3848



23.3127, 0.2389, 0.2802

Rectangle

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



23.3127, 0.3233, 0.2812



23.3127, 0.3819, 0.3286



23.3127, 0.2985, 0.3848



23.3127, 0.2477, 0.3233

Sweetspot

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



23.3137, 0.3233, 0.2812



55.2941, 0.3155, 0.3151



20.7658, 0.2805, 0.2648



12.3552, 0.3157, 0.3141



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



23.3137, 0.3233, 0.2812



37.9221, 0.3263, 0.2696



22.7415, 0.3458, 0.3100



6.7336, 0.3164, 0.3109



7.0931, 0.3727, 0.1827



0.1318, 0.3489, 0.1695

Inverse Universe

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



23.3137, 0.3233, 0.2812



37.9221, 0.3263, 0.2696



30.9690, 0.2879, 0.3490



6.7336, 0.3164, 0.3109



7.0931, 0.3727, 0.1827



0.1318, 0.3489, 0.1695

Previews

White Background



This preview shows how the Yxy color 23.3127, 0.3233, 0.2812 looks on a white background.

Color Contrast Check

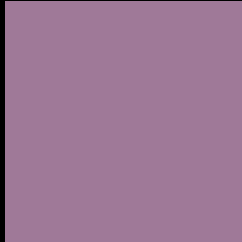
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3127, 0.3233, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

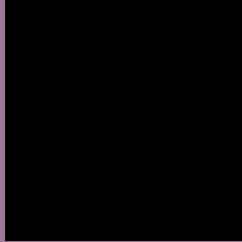
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3127, 0.3233, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 23.3127, 0.3233, 0.2812.



This preview shows how white text looks on a background with the Yxy color 23.3127, 0.3233, 0.2812.

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

23.3127, 0.3233, 0.2812

Protanopia

23.5178, 0.2806, 0.2837

Deuteranopia

23.3058, 0.3008, 0.2941



Tritanopia

23.3046, 0.3415, 0.3131

Trichromacy



Original Color

23.3127, 0.3233, 0.2812

Protanomaly

23.3276, 0.2958, 0.2832

Deuteranomaly

23.2671, 0.3088, 0.2886

Tritanomaly

23.3581, 0.3346, 0.3007

Monochromacy



Original Color

23.3127, 0.3233, 0.2812

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1149, 0.3158, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3127, 0.3233, 0.2812 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(159, 121, 152)` looks like.

```
.text, #text, p{  
    color:rgb(159, 121, 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(159, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 121, 152) }
```

Border

The CSS property to change the border of an element to Yxy 23.3127, 0.3233, 0.2812 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(159, 121, 152) }
```

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

```
.border{ border-color:rgb(159, 121, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(159, 121,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3127, 0.3233, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 121, 152) }
```

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

```
.background{ background-color: rgb(159,  
121, 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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