

Converting Colors

$Y_{xy}(23.1428, 0.3198, 0.2794)$

Have a look what the booklet for
Yxy(23.1428, 0.3198, 0.2794)
contains.

Yxy(23.1428, 0.3198, 0.2794)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.1428, 0.3198, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	9D7999
RGB	157, 121, 153
RGB Percent	62%, 47%, 60%
CMY	0.3843, 0.5254, 0.4001
CMYK	0.00, 0.23, 0.03, 0.38
HSL	307°, 16%, 55%
HSV	307°, 23%, 62%
XYZ	26.4891, 23.1428, 33.1984
YIQ	135.4120, 11.1840, 17.5840

Conversions

Conversions Part 2

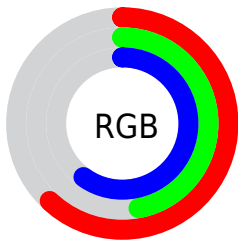
Format	Color
R_{YB}	157, 121, 153
Decimal	10320281
CIE _{Lab}	55.22, 19.62, -11.82
CIE _{LCh}	55, 22.904, 328.932
Yxy	23.1428, 0.3198, 0.2794
Android (android.graphics.Color)	4288510361 (0xFF9D7999)
YUV	135.4120, 8.6709, 18.9327
Hunter-Lab	48.1070, 14.1003, -7.2409

Details

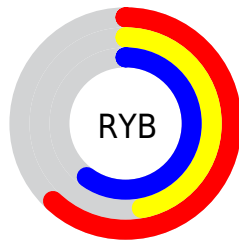
The Yxy color $23.1428, 0.3198, 0.2794$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $29.6584, 0.3063, 0.3842$, and the grayscale version is $24.3538, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.7741, 0.3188, 0.2904$, and $8.5973, 0.3213, 0.2620$ is the 20% darker color. If you saturate the color by 10%, you get $19.5758, 0.3235, 0.2575$, and if you desaturate by 10%, it is $27.3337, 0.3165, 0.3014$.

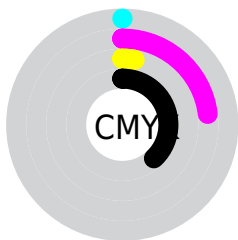
Distribution



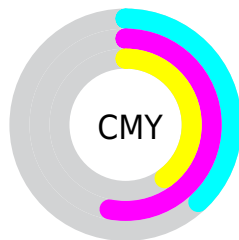
- Red (62%)
- Green (47%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (38%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1428, 0.3198, 0.2794 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 23.1428, 0.3198, 0.2794 by changing the saturation by 10% instead.


 23.1428, 0.3198,
0.2794


 23.1428, 0.3198,
0.2794


268.4576, 0.3163,
0.3061


 14.6990, 0.3206,
0.2721


 48.6277, 0.3185,
0.2896

 8.6084, 0.3217,
0.2622


 66.4376, 0.3181,
0.2933

 4.4867, 0.3230,
0.2482

 88.1383, 0.3176,
0.2963

 1.9493, 0.3246,
0.2270

114.1141, 0.3173,
0.2989

 0.5778, 0.3294,
0.1826

144.7496, 0.3170,
0.3011

 0.0000, 0.0000,
0.0000

180.4291, 0.3167,

0.3030

221.5370, 0.3165,
0.3046

■ 23.1428, 0.3198,
0.2794

■ 23.1428, 0.3198,
0.2794

■ 19.5758, 0.3235,
0.2575

■ 27.3337, 0.3165,
0.3014

■ 16.5995, 0.3274,
0.2364

■ 32.1734, 0.3135,
0.3229

■ 14.1827, 0.3316,
0.2170

■ 37.6892, 0.3109,
0.3435

■ 12.2895, 0.3359,
0.2002

■ 43.9059, 0.3086,
0.3628

■ 10.8804, 0.3401,
0.1869

■ 50.8470, 0.3067,
0.3809

■ 9.9099, 0.3443,
0.1776

■ 58.5350, 0.3050,
0.3975

■ 9.3241, 0.3481,
0.1726

■ 66.9914, 0.3035,
0.4128

■ 9.0455, 0.3508,
0.1706

■ 76.2368, 0.3023,
0.4267

■ 81.5422, 0.3013,
0.4326

Harmonies

Analogous

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



23.1428, 0.2803, 0.2652



23.1428, 0.3198, 0.2794



23.1428, 0.3596, 0.3049

Triad

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



23.1428, 0.3198, 0.2794



23.1428, 0.3757, 0.3936



23.1428, 0.2435, 0.3138

Complementary

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



23.1428, 0.3198, 0.2794



29.6584, 0.3063, 0.3842

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.



23.1428, 0.2661, 0.3533



23.1428, 0.3198, 0.2794



23.1428, 0.3420, 0.4018

Square

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



23.1428, 0.3198, 0.2794



23.1428, 0.3928, 0.3689



23.1428, 0.3018, 0.3871



23.1428, 0.2384, 0.2822

Rectangle

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



23.1428, 0.3198, 0.2794



23.1428, 0.3800, 0.3258



23.1428, 0.3018, 0.3871



23.1428, 0.2492, 0.3266

Sweetspot

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



23.1438, 0.3198, 0.2794



53.8267, 0.3147, 0.3139



20.4419, 0.2788, 0.2673



11.7431, 0.3149, 0.3128



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.



23.1438, 0.3198, 0.2794



37.7276, 0.3218, 0.2670



22.6053, 0.3404, 0.3061



6.7418, 0.3153, 0.3094



7.3507, 0.3505, 0.1705



0.1347, 0.3373, 0.1632

Inverse Universe

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



23.1438, 0.3198, 0.2794



37.7276, 0.3218, 0.2670



30.1482, 0.2914, 0.3532



6.7418, 0.3153, 0.3094



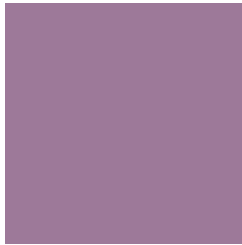
7.3507, 0.3505, 0.1705



0.1347, 0.3373, 0.1632

Previews

White Background



This preview shows how the Yxy color 23.1428, 0.3198, 0.2794 looks on a white background.

Color Contrast Check

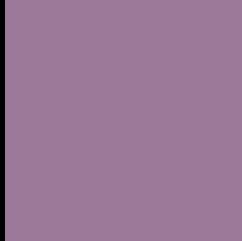
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1428, 0.3198, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

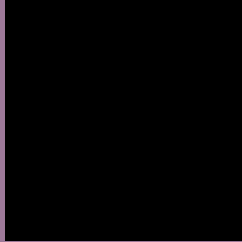
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1428, 0.3198, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 23.1428, 0.3198, 0.2794.



This preview shows how white text looks on a background with the Yxy color 23.1428, 0.3198, 0.2794.

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

23.1428, 0.3198, 0.2794

Protanopia

23.2063, 0.2786, 0.2803

Deuteranopia

23.1691, 0.2976, 0.2923



Tritanopia

23.0066, 0.3378, 0.3129

Trichromacy



Original Color

23.1428, 0.3198, 0.2794

Protanomaly

22.9314, 0.2926, 0.2797

Deuteranomaly

23.1180, 0.3055, 0.2868

Tritanomaly

23.0576, 0.3309, 0.3003

Monochromacy



Original Color

23.1428, 0.3198, 0.2794

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7579, 0.3148, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1428, 0.3198, 0.2794 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(157, 121, 153)` looks like.

```
.text, #text, p{  
    color:rgb(157, 121, 153)  
}
```

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(157, 121, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 121, 153) }
```

Border

The CSS property to change the border of an element to Yxy 23.1428, 0.3198, 0.2794 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(157, 121, 153) }
```

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

```
.border{ border-color:rgb(157, 121, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 121, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 121, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 121, 153);  
box-shadow:4px 4px 4px 4px rgb(157, 121,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1428, 0.3198, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 121, 153) }
```

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

```
.background{ background-color: rgb(157,  
121, 153) }
```

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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