

Converting Colors

$Yxy(23.0925, 0.3396, 0.3041)$

Have a look what the booklet for
Yxy(23.0925, 0.3396, 0.3041)
contains.

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Color

Yxy(23.1250, 0.3395, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	9F7A8A
RGB	159, 122, 138
RGB Percent	62%, 48%, 54%
CMY	0.3766, 0.5215, 0.4588
CMYK	0.00, 0.23, 0.13, 0.38
HSL	334°, 16%, 55%
HSV	334°, 23%, 62%
XYZ	25.8425, 23.1250, 27.1517
YIQ	134.8870, 16.9160, 12.8200

Conversions

Conversions Part 2

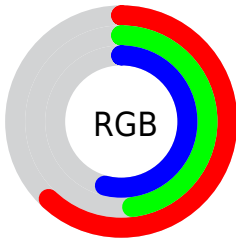
Format	Color
R_{YB}	159, 122, 138
Decimal	10451594
CIE _{Lab}	55.20, 17.02, -3.13
CIE _{LCh}	55, 17.302, 349.593
Yxy	23.1250, 0.3395, 0.3038
Android (android.graphics.Color)	4288641674 (0xFF9F7A8A)
YUV	134.8870, 1.5347, 21.1471
Hunter-Lab	48.0885, 11.7700, 0.1856

Details

The Yxy color **23.1250, 0.3395, 0.3038** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.9093, 0.2921, 0.3557**, and the grayscale version is **24.1743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7177, 0.3339, 0.3101**, and **8.5955, 0.3501, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **19.2852, 0.3551, 0.2924**, and if you desaturate by 10%, it is **27.6272, 0.3265, 0.3150**.

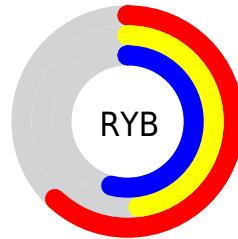
Distribution



Red (62%)

Green (48%)

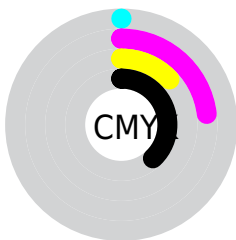
Blue (54%)



Red (62%)

Yellow (48%)

Blue (54%)

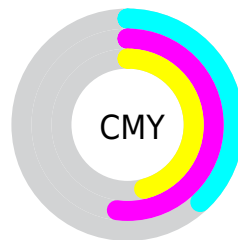


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (38%)



Cyan (38%)


Magenta (52%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1250, 0.3395, 0.3038 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 23.1250, 0.3395, 0.3038 by changing the saturation by 10% instead.


 23.1250, 0.3395,
0.3038


 23.1250, 0.3395,
0.3038


268.3664, 0.3247,
0.3177


 14.6858, 0.3438,
0.2998


 48.5985, 0.3337,
0.3092

 8.5992, 0.3497,
0.2944


 66.4016, 0.3317,
0.3111

 4.4807, 0.3584,
0.2866

 88.0948, 0.3300,
0.3127

 1.9459, 0.3724,
0.2741

114.0626, 0.3286,
0.3140

 0.5758, 0.4053,
0.2409

144.6892, 0.3274,
0.3151

 0.0000, 0.0000,
0.0000

180.3591, 0.3263,

0.3161

221.4567, 0.3254,
0.3169

■ 23.1250, 0.3395,
0.3038

■ 23.1250, 0.3395,
0.3038

■ 19.2852, 0.3551,
0.2924

■ 27.6272, 0.3265,
0.3150

■ 16.0732, 0.3736,
0.2811

■ 32.8182, 0.3158,
0.3257

■ 13.4559, 0.3952,
0.2709

■ 38.7265, 0.3069,
0.3357

■ 11.3958, 0.4197,
0.2625

■ 45.3783, 0.2996,
0.3449

■ 9.8511, 0.4468,
0.2572

■ 52.7984, 0.2936,
0.3534

■ 8.7743, 0.4751,
0.2561

■ 61.0104, 0.2886,
0.3613

■ 8.1085, 0.5030,
0.2602

■ 70.0370, 0.2844,
0.3684

■ 7.7961, 0.5215,
0.2647

■ 79.8998, 0.2810,
0.3749

■ 84.0111, 0.2770,
0.3703

Harmonies

Analogous

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



23.1250, 0.3086, 0.2862



23.1250, 0.3395, 0.3038



23.1250, 0.3638, 0.3277

Triad

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



23.1250, 0.3395, 0.3038



23.1250, 0.3442, 0.3835



23.1250, 0.2554, 0.3004

Complementary

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



23.1250, 0.3395, 0.3038



30.9093, 0.2921, 0.3557

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.



23.1250, 0.2639, 0.3271



23.1250, 0.3395, 0.3038



23.1250, 0.3144, 0.3773

Square

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



23.1250, 0.3395, 0.3038



23.1250, 0.3662, 0.3737



23.1250, 0.2852, 0.3560



23.1250, 0.2612, 0.2834

Rectangle

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



23.1250, 0.3395, 0.3038



23.1250, 0.3722, 0.3447



23.1250, 0.2852, 0.3560



23.1250, 0.2567, 0.3085

Sweetspot

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



23.1260, 0.3395, 0.3038



55.0336, 0.3197, 0.3216



22.2604, 0.2971, 0.2695



12.2922, 0.3203, 0.3210



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.



23.1260, 0.3395, 0.3038



37.6522, 0.3474, 0.2978



23.3090, 0.3583, 0.3331



6.6914, 0.3220, 0.3194



6.1676, 0.5194, 0.2635



0.1186, 0.4274, 0.2128

Inverse Universe

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



23.1260, 0.3395, 0.3038



37.6522, 0.3474, 0.2978



30.5903, 0.2789, 0.3249



6.6914, 0.3220, 0.3194



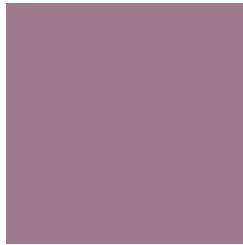
6.1676, 0.5194, 0.2635



0.1186, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 23.1250, 0.3395, 0.3038 looks on a white background.

Color Contrast Check

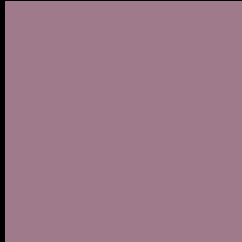
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1250, 0.3395, 0.3038 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 23.1250, 0.3395, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 23.1250, 0.3395, 0.3038.



This preview shows how white text looks on a background with the Yxy color 23.1250, 0.3395, 0.3038.

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

23.1250, 0.3395, 0.3038

Protanopia

23.3414, 0.2992, 0.3084

Deuteranopia

23.0841, 0.3205, 0.3140



Tritanopia

23.1010, 0.3453, 0.3147

Trichromacy



Original Color

23.1250, 0.3395, 0.3038

Protanomaly

23.0541, 0.3127, 0.3056

Deuteranomaly

23.1174, 0.3279, 0.3110

Tritanomaly

23.1562, 0.3429, 0.3116

Monochromacy



Original Color

23.1250, 0.3395, 0.3038

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.6721, 0.3225, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1250, 0.3395, 0.3038 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, 122, 138)` looks like.

```
.text, #text, p{  
    color:rgb(159, 122, 138)  
}
```

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, 122, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 122, 138) }
```

Border

The CSS property to change the border of an element to Yxy 23.1250, 0.3395, 0.3038 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, 122, 138) }
```

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

```
.border{ border-color:rgb(159, 122, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 122, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 122, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 122, 138);  
box-shadow:4px 4px 4px 4px rgb(159, 122,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1250, 0.3395, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 122, 138) }
```

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

```
.background{ background-color: rgb(159,  
122, 138) }
```

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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