

Converting Colors

$Y_{xy}(22.9217, 0.3114, 0.2888)$

Have a look what the booklet for
Yxy(22.9217, 0.3114, 0.2888)
contains.

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Color

Yxy(23.0402, 0.3122, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	937D95
RGB	147, 125, 149
RGB Percent	58%, 49%, 58%
CMY	0.4236, 0.5097, 0.4158
CMYK	0.01, 0.16, 0.00, 0.42
HSL	295°, 10%, 54%
HSV	295°, 16%, 58%
XYZ	24.7869, 23.0402, 31.5671
YIQ	134.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

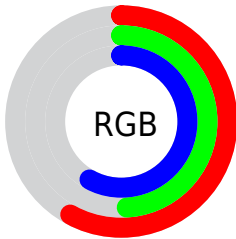
Format	Color
RYB	147, 125, 149
Decimal	9665941
CIELab	55.11, 12.92, -9.76
CIELCh	55, 16.193, 322.936
Yxy	23.0402, 0.3122, 0.2902
Android (android.graphics.Color)	4287856021 (0xFF937D95)
YUV	134.3140, 7.2402, 11.1256
Hunter-Lab	48.0002, 8.1754, -5.3917

Details

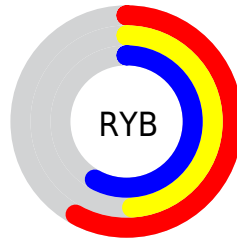
The Yxy color $23.0402, 0.3122, 0.2902$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.4840, 0.3128, 0.3705$, and the grayscale version is $23.9326, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.5701, 0.3124, 0.2988$, and $8.5375, 0.3116, 0.2768$ is the 20% darker color. If you saturate the color by 10%, you get $19.4327, 0.3116, 0.2654$, and if you desaturate by 10%, it is $27.2168, 0.3126, 0.3146$.

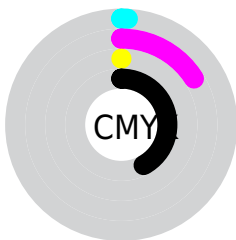
Distribution



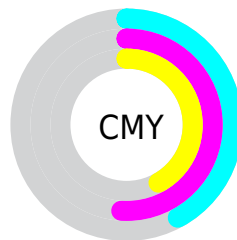
- Red (58%)
- Green (49%)
- Blue (58%)



- Red (58%)
- Yellow (49%)
- Blue (58%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)





- Cyan (42%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0402, 0.3122, 0.2902 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 23.0402, 0.3122, 0.2902 by changing the saturation by 10% instead.


 23.0402, 0.3122,
0.2902


 23.0402, 0.3122,
0.2902


267.9314, 0.3127,
0.3113


 14.6232, 0.3120,
0.2843


 48.4593, 0.3125,
0.2983

 8.5554, 0.3115,
0.2763


 66.2302, 0.3125,
0.3012

 4.4523, 0.3108,
0.2647

 87.8879, 0.3126,
0.3036

 1.9297, 0.3092,
0.2469

113.8167, 0.3126,
0.3057

 0.5661, 0.3094,
0.2052

144.4011, 0.3127,
0.3074

 0.0000, 0.0000,
0.0000

180.0254, 0.3127,

0.3089

221.0740, 0.3127,
0.3102

■ 23.0402, 0.3122,
0.2902

■ 23.0402, 0.3122,
0.2902

■ 19.4327, 0.3116,
0.2654

■ 27.2168, 0.3126,
0.3146

■ 16.3662, 0.3108,
0.2408

■ 31.9830, 0.3128,
0.3380

■ 13.8146, 0.3097,
0.2174

■ 37.3621, 0.3128,
0.3601

■ 11.7487, 0.3084,
0.1959

■ 43.3750, 0.3128,
0.3807

■ 10.1361, 0.3068,
0.1774

■ 50.0420, 0.3126,
0.3997

■ 8.9407, 0.3051,
0.1626

■ 57.3820, 0.3124,
0.4170

■ 8.1207, 0.3032,
0.1519

■ 65.4136, 0.3121,
0.4327

■ 7.6150, 0.3011,
0.1451

■ 74.1543, 0.3118,
0.4470

■ 7.4474, 0.3003,
0.1428

■ 80.9782, 0.3118,
0.4564

Harmonies

Analogous

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



23.0402, 0.2849, 0.2819



23.0402, 0.3122, 0.2902



23.0402, 0.3408, 0.3076

Triad

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



23.0402, 0.3122, 0.2902



23.0402, 0.3611, 0.3727



23.0402, 0.2654, 0.3242

Complementary

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



23.0402, 0.3122, 0.2902



27.4840, 0.3128, 0.3705

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.



23.0402, 0.2842, 0.3515



23.0402, 0.3122, 0.2902



23.0402, 0.3394, 0.3801

Square

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



23.0402, 0.3122, 0.2902



23.0402, 0.3698, 0.3541



23.0402, 0.3112, 0.3725



23.0402, 0.2588, 0.3000

Rectangle

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



23.0402, 0.3122, 0.2902



23.0402, 0.3564, 0.3226



23.0402, 0.3112, 0.3725



23.0402, 0.2704, 0.3334

Sweetspot

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



23.0412, 0.3122, 0.2902



49.5488, 0.3126, 0.3170



21.8155, 0.2876, 0.2915



10.8674, 0.3126, 0.3154



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



23.0412, 0.3122, 0.2902



39.0327, 0.3120, 0.2820



22.9344, 0.3252, 0.3055



5.8848, 0.3125, 0.3071



6.2758, 0.3005, 0.1429



0.0827, 0.3113, 0.1489

Inverse Universe

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



22.5916, 0.3397, 0.3257



38.0895, 0.3465, 0.3250



27.5886, 0.3019, 0.3537



5.8228, 0.3270, 0.3272



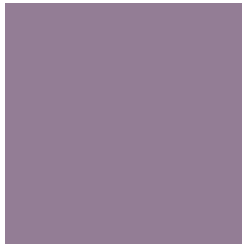
5.4031, 0.6277, 0.3231



0.0677, 0.5739, 0.2935

Previews

White Background



This preview shows how the Yxy color 23.0402, 0.3122, 0.2902 looks on a white background.

Color Contrast Check

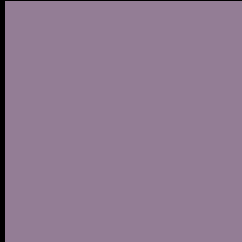
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0402, 0.3122, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

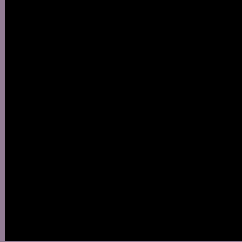
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0402, 0.3122, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 23.0402, 0.3122, 0.2902.



This preview shows how white text looks on a background with the Yxy color 23.0402, 0.3122, 0.2902.

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

23.0402, 0.3122, 0.2902

Protanopia

23.1217, 0.2872, 0.2916

Deuteranopia

23.1570, 0.3018, 0.2972



Tritanopia

23.0046, 0.3229, 0.3124

Trichromacy



Original Color

23.0402, 0.3122, 0.2902

Protanomaly

23.1184, 0.2955, 0.2906

Deuteranomaly

23.2392, 0.3063, 0.2960

Tritanomaly

22.9558, 0.3198, 0.3043

Monochromacy



Original Color

23.0402, 0.3122, 0.2902

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5856, 0.3133, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0402, 0.3122, 0.2902 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(147, 125, 149)` looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 149)  
}
```

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(147, 125, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 149) }
```

Border

The CSS property to change the border of an element to Yxy 23.0402, 0.3122, 0.2902 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(147, 125, 149) }
```

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

```
.border{ border-color:rgb(147, 125, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 125, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 149);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0402, 0.3122, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 149) }
```

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

```
.background{ background-color: rgb(147,  
125, 149) }
```

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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