

Converting Colors

$Y_{xy}(23.0441, 0.3234, 0.3089)$

Have a look what the booklet for
Yxy(23.0441, 0.3234, 0.3089)
contains.

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Color

Yxy(22.9888, 0.3232, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	937E8B
RGB	147, 126, 139
RGB Percent	58%, 49%, 55%
CMY	0.4235, 0.5059, 0.4549
CMYK	0.00, 0.14, 0.05, 0.42
HSL	323°, 9%, 54%
HSV	323°, 14%, 58%
XYZ	24.1547, 22.9888, 27.5925
YIQ	133.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

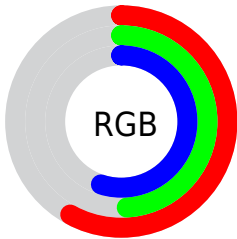
Format	Color
R_{YB}	147, 126, 139
Decimal	9666187
CIE _{Lab}	55.06, 10.41, -4.04
CIE _{LCh}	55, 11.168, 338.769
Yxy	22.9888, 0.3232, 0.3076
Android (android.graphics.Color)	4287856267 (0xFF937E8B)
YUV	133.7610, 2.5828, 11.6106
Hunter-Lab	47.9466, 6.0186, -0.5578

Details

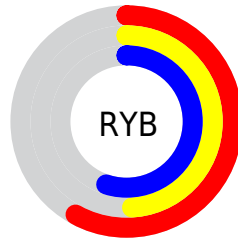
The Yxy color $22.9888, 0.3232, 0.3076$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.0262, 0.3035, 0.3514$, and the grayscale version is $23.7367, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4635, 0.3212, 0.3131$, and $8.5158, 0.3268, 0.2998$ is the 20% darker color. If you saturate the color by 10%, you get $19.3429, 0.3322, 0.2919$, and if you desaturate by 10%, it is $27.1976, 0.3156, 0.3227$.

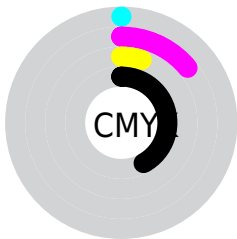
Distribution



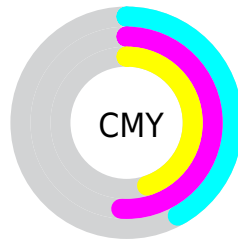
- Red (58%)
- Green (49%)
- Blue (55%)



- Red (58%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9888, 0.3232, 0.3076 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 22.9888, 0.3232, 0.3076 by changing the saturation by 10% instead.

■ 22.9888, 0.3232,
0.3076

■ 22.9888, 0.3232,
0.3076

267.6675, 0.3174,
0.3194

■ 14.5852, 0.3249,
0.3042

■ 48.3749, 0.3210,
0.3122

■ 8.5288, 0.3271,
0.2996

■ 66.1263, 0.3202,
0.3138

■ 4.4351, 0.3304,
0.2929

■ 87.7624, 0.3195,
0.3151

■ 1.9198, 0.3357,
0.2821

113.6676, 0.3190,
0.3163

■ 0.5603, 0.3512,
0.2501

144.2263, 0.3185,
0.3172

■ 0.0000, 0.0000,
0.0000

179.8229, 0.3181,

0.3180

220.8418, 0.3177,
0.3188

■ 22.9888, 0.3232,
0.3076

■ 22.9888, 0.3232,
0.3076

■ 19.3429, 0.3322,
0.2919

■ 27.1976, 0.3156,
0.3227

■ 16.2327, 0.3427,
0.2760

■ 31.9889, 0.3092,
0.3371

■ 13.6334, 0.3548,
0.2605

■ 37.3851, 0.3039,
0.3505

■ 11.5168, 0.3685,
0.2462

■ 43.4066, 0.2994,
0.3629

■ 9.8523, 0.3837,
0.2340

■ 50.0727, 0.2957,
0.3743

■ 8.6054, 0.4000,
0.2251

■ 57.4018, 0.2926,
0.3849

■ 7.7368, 0.4169,
0.2204

■ 65.4119, 0.2900,
0.3945

■ 7.1980, 0.4337,
0.2205

■ 74.1199, 0.2878,
0.4033

■ 6.9593, 0.4435,
0.2217

■ 81.4147, 0.2858,
0.4081

Harmonies

Analogous

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



22.9888, 0.3032, 0.2981



22.9888, 0.3232, 0.3076



22.9888, 0.3408, 0.3225

Triad

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



22.9888, 0.3232, 0.3076



22.9888, 0.3393, 0.3630



22.9888, 0.2760, 0.3167

Complementary

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



22.9888, 0.3232, 0.3076



27.0262, 0.3035, 0.3514

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.



22.9888, 0.2851, 0.3349



22.9888, 0.3232, 0.3076



22.9888, 0.3214, 0.3624

Square

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



22.9888, 0.3232, 0.3076



22.9888, 0.3502, 0.3543



22.9888, 0.3016, 0.3519



22.9888, 0.2764, 0.3027

Rectangle

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



22.9888, 0.3232, 0.3076



22.9888, 0.3486, 0.3337



22.9888, 0.3016, 0.3519



22.9888, 0.2781, 0.3225

Sweetspot

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



22.9898, 0.3232, 0.3076



48.8692, 0.3155, 0.3231



22.0726, 0.2991, 0.2933



11.0269, 0.3159, 0.3220



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.



22.9898, 0.3232, 0.3076



39.0642, 0.3258, 0.3028



22.7052, 0.3349, 0.3244



5.8721, 0.3192, 0.3154



6.0377, 0.4426, 0.2212



0.0797, 0.3773, 0.1852

Inverse Universe

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



22.9898, 0.3232, 0.3076



39.0642, 0.3258, 0.3028



27.3249, 0.2942, 0.3337



5.8721, 0.3192, 0.3154



6.0377, 0.4426, 0.2212



0.0797, 0.3773, 0.1852

Previews

White Background



This preview shows how the Yxy color 22.9888, 0.3232, 0.3076 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 22.9888, 0.3232, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

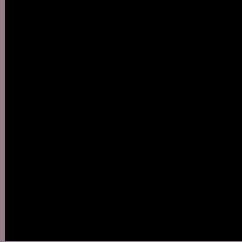
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9888, 0.3232, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 22.9888, 0.3232, 0.3076.

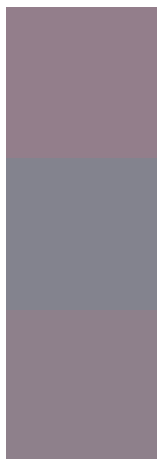


This preview shows how white text looks on a background with the Yxy color 22.9888, 0.3232, 0.3076.

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

22.9888, 0.3232, 0.3076

Protanopia

23.0109, 0.3012, 0.3100

Deuteranopia

23.0532, 0.3171, 0.3106



Tritanopia

22.9023, 0.3266, 0.3125

Trichromacy



Original Color

22.9888, 0.3232, 0.3076

Protanomaly

22.9420, 0.3091, 0.3086

Deuteranomaly

22.9721, 0.3195, 0.3090

Tritanomaly

22.9309, 0.3255, 0.3109

Monochromacy



Original Color

22.9888, 0.3232, 0.3076

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4991, 0.3166, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9888, 0.3232, 0.3076 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, 126, 139)` looks like.

```
.text, #text, p{  
    color:rgb(147, 126, 139)  
}
```

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, 126, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 126, 139) }
```

Border

The CSS property to change the border of an element to Yxy 22.9888, 0.3232, 0.3076 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, 126, 139) }
```

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

```
.border{ border-color:rgb(147, 126, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 126, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 126, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 126, 139); box-shadow:4px 4px 4px 4px rgb(147, 126, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9888, 0.3232, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 126, 139) }
```

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

```
.background{ background-color: rgb(147,  
126, 139) }
```

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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