

Converting Colors

$Y_{xy}(22.9668, 0.3115, 0.3055)$

Have a look what the booklet for
Yxy(22.9668, 0.3115, 0.3055)
contains.

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Color

Yxy(22.9668, 0.3115, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	8C808E
RGB	140, 128, 142
RGB Percent	55%, 50%, 56%
CMY	0.4510, 0.4980, 0.4431
CMYK	0.01, 0.10, 0.00, 0.44
HSL	291°, 6%, 53%
HSV	291°, 10%, 56%
XYZ	23.4179, 22.9668, 28.7931
YIQ	133.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

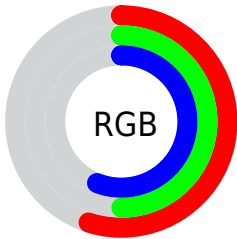
Format	Color
R_{YB}	140, 128, 142
Decimal	9207950
CIE Lab	55.04, 7.25, -5.89
CIE LCh	55, 9.347, 320.912
Yxy	22.9668, 0.3115, 0.3055
Android (android.graphics.Color)	4287398030 (0xFF8C808E)
YUV	133.1840, 4.3463, 5.9776
Hunter-Lab	47.9237, 3.3574, -2.0755

Details

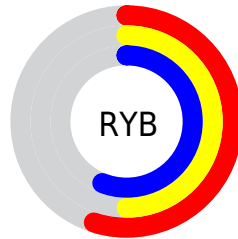
The Yxy color **22.9668, 0.3115, 0.3055** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6534, 0.3137, 0.3533**, and the grayscale version is **23.5099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5026, 0.3119, 0.3104**, and **8.5383, 0.3107, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **19.3439, 0.3099, 0.2807**, and if you desaturate by 10%, it is **27.1134, 0.3127, 0.3293**.

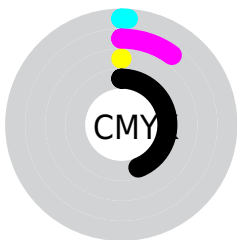
Distribution



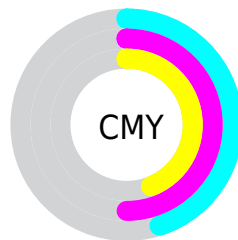
- Red (55%)
- Green (50%)
- Blue (56%)



- Red (55%)
- Yellow (50%)
- Blue (56%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9668, 0.3115, 0.3055 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 22.9668, 0.3115, 0.3055 by changing the saturation by 10% instead.

■ 22.9668, 0.3115,
0.3055

■ 22.9668, 0.3115,
0.3055

267.5544, 0.3123,
0.3184

■ 14.5690, 0.3112,
0.3018

■ 48.3388, 0.3118,
0.3105

■ 8.5175, 0.3109,
0.2967

■ 66.0818, 0.3119,
0.3123

■ 4.4278, 0.3102,
0.2893

■ 87.7086, 0.3120,
0.3138

■ 1.9156, 0.3091,
0.2775

113.6037, 0.3121,
0.3150

■ 0.5578, 0.3095,
0.2441

144.1515, 0.3121,
0.3161

■ 0.0000, 0.0000,
0.0000

179.7362, 0.3122,

0.3170

220.7424, 0.3122,
0.3178

■ 22.9668, 0.3115,
0.3055

■ 22.9668, 0.3115,
0.3055

■ 19.3439, 0.3099,
0.2807

■ 27.1134, 0.3127,
0.3293

■ 16.2204, 0.3080,
0.2556

■ 31.8010, 0.3137,
0.3518

■ 13.5742, 0.3057,
0.2308

■ 37.0497, 0.3143,
0.3728

■ 11.3808, 0.3030,
0.2071

■ 42.8776, 0.3148,
0.3921

■ 9.6130, 0.2999,
0.1857

■ 49.3020, 0.3151,
0.4097

8.2412, 0.2966,
0.1673

56.3397, 0.3152,
0.4258

7.2316, 0.2931,
0.1526

64.0065, 0.3153,
0.4403

6.5449, 0.2895,
0.1422

72.3180, 0.3152,
0.4534

6.0748, 0.2858,
0.1349

80.7715, 0.3152,
0.4646

Harmonies

Analogous

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



22.9668, 0.2957, 0.3012



22.9668, 0.3115, 0.3055



22.9668, 0.3280, 0.3157

Triad

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



22.9668, 0.3115, 0.3055



22.9668, 0.3413, 0.3540



22.9668, 0.2856, 0.3277

Complementary

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



22.9668, 0.3115, 0.3055



25.6534, 0.3137, 0.3533

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.



22.9668, 0.2973, 0.3428



22.9668, 0.3115, 0.3055



22.9668, 0.3294, 0.3582

Square

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



22.9668, 0.3115, 0.3055



22.9668, 0.3455, 0.3433



22.9668, 0.3133, 0.3542



22.9668, 0.2810, 0.3134

Rectangle

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



22.9668, 0.3115, 0.3055



22.9668, 0.3371, 0.3246



22.9668, 0.3133, 0.3542



22.9668, 0.2888, 0.3329

Sweetspot

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



22.9678, 0.3115, 0.3055



45.3656, 0.3124, 0.3218



22.5350, 0.2979, 0.3082



10.0078, 0.3123, 0.3201



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.9678, 0.3115, 0.3055



38.8899, 0.3112, 0.2997



22.9994, 0.3192, 0.3137



5.4725, 0.3116, 0.3072



5.4540, 0.2859, 0.1349



0.0591, 0.3042, 0.1449

Inverse Universe

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



22.8020, 0.3271, 0.3256



38.5361, 0.3311, 0.3248



25.6287, 0.3068, 0.3448



5.4359, 0.3260, 0.3259



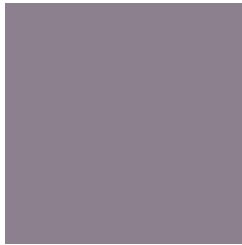
5.2115, 0.6162, 0.3168



0.0518, 0.5368, 0.2731

Previews

White Background



This preview shows how the Yxy color 22.9668, 0.3115, 0.3055 looks on a white background.

Color Contrast Check

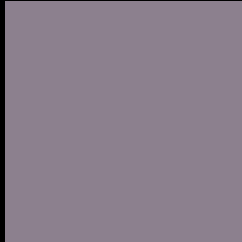
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9668, 0.3115, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

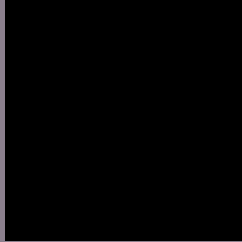
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9668, 0.3115, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 22.9668, 0.3115, 0.3055.

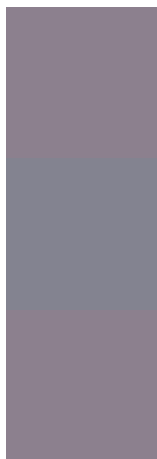


This preview shows how white text looks on a background with the Yxy color 22.9668, 0.3115, 0.3055.

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

22.9668, 0.3115, 0.3055

Protanopia

23.0715, 0.2992, 0.3067

Deuteranopia

22.9668, 0.3115, 0.3055



Tritanopia

23.1400, 0.3147, 0.3122

Trichromacy



Original Color

22.9668, 0.3115, 0.3055

Protanomaly

23.0168, 0.3036, 0.3068

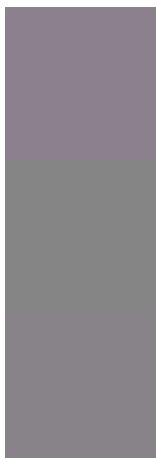
Deuteranomaly

22.9668, 0.3115, 0.3055

Tritanomaly

23.1694, 0.3136, 0.3105

Monochromacy



Original Color

22.9668, 0.3115, 0.3055

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.2444, 0.3131, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9668, 0.3115, 0.3055 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(140, 128, 142)` looks like.

```
.text, #text, p{  
    color:rgb(140, 128, 142)  
}
```

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(140, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 128, 142) }
```

Border

The CSS property to change the border of an element to Yxy 22.9668, 0.3115, 0.3055 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(140, 128, 142) }
```

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

```
.border{ border-color:rgb(140, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(140, 128,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9668, 0.3115, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 128, 142) }
```

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

```
.background{ background-color: rgb(140,  
128, 142) }
```

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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