

Converting Colors

$Y_{xy}(24.1615, 0.3079, 0.3122)$

Have a look what the booklet for
Yxy(24.1615, 0.3079, 0.3122)
contains.

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Color

Yxy(24.1615, 0.3079, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	8A858F
RGB	138, 133, 143
RGB Percent	54%, 52%, 56%
CMY	0.4588, 0.4784, 0.4391
CMYK	0.04, 0.07, 0.00, 0.44
HSL	270°, 4%, 54%
HSV	270°, 7%, 56%
XYZ	23.8287, 24.1615, 29.4009
YIQ	135.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

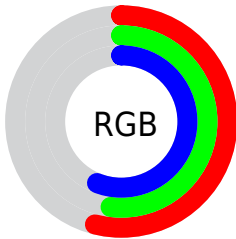
Format	Color
R _Y B	138, 133, 143
Decimal	9078159
CIE Lab	56.25, 3.86, -4.70
CIE LCh	56, 6.082, 309.362
Yxy	24.1615, 0.3079, 0.3122
Android (android.graphics.Color)	4287268239 (0xFF8A858F)
YUV	135.6350, 3.6309, 2.0741
Hunter-Lab	49.1543, 0.5119, -1.0553

Details

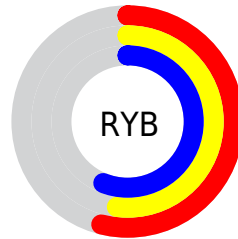
The Yxy color $24.1615, 0.3079, 0.3122$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.7474, 0.3173, 0.3458$, and the grayscale version is $24.4645, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2254, 0.3084, 0.3153$, and $9.2057, 0.3054, 0.3066$ is the 20% darker color. If you saturate the color by 10%, you get $19.9195, 0.3000, 0.2865$, and if you desaturate by 10%, it is $28.9789, 0.3146, 0.3359$.

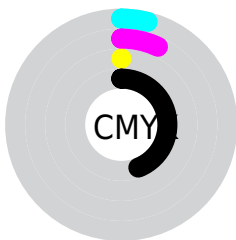
Distribution



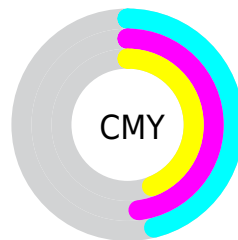
- Red (54%)
- Green (52%)
- Blue (56%)



- Red (54%)
- Yellow (52%)
- Blue (56%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)





- Cyan (46%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1615, 0.3079, 0.3122 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 24.1615, 0.3079, 0.3122 by changing the saturation by 10% instead.


 24.1615, 0.3079,
0.3122

 24.1615, 0.3079,
0.3122


273.6360, 0.3106,
0.3214


 15.4535, 0.3071,
0.3096

 50.2936, 0.3090,
0.3158

 9.1383, 0.3060,
0.3059


 68.4865, 0.3093,
0.3171

 4.8315, 0.3043,
0.3007

 90.6098, 0.3096,
0.3181

 2.1487, 0.3016,
0.2923

117.0478, 0.3099,
0.3190

 0.6918, 0.2971,
0.2734

148.1851, 0.3101,
0.3197

 0.0000, 0.0000,
0.0000

184.4059, 0.3103,

0.3204

226.0948, 0.3105,
0.3210

■ 24.1615, 0.3079,
0.3122

■ 24.1615, 0.3079,
0.3122

■ 19.9195, 0.3000,
0.2865

■ 28.9789, 0.3146,
0.3359

■ 16.2277, 0.2910,
0.2592

■ 34.3896, 0.3203,
0.3574

■ 13.0635, 0.2807,
0.2306

■ 40.4145, 0.3251,
0.3769

■ 10.4015, 0.2693,
0.2017

■ 47.0724, 0.3290,
0.3944

■ 8.2140, 0.2571,
0.1736

■ 54.3816, 0.3323,
0.4100

6.4709, 0.2443,
0.1475

62.3594, 0.3350,
0.4240

5.1382, 0.2314,
0.1249

71.0225, 0.3373,
0.4365

4.1768, 0.2191,
0.1069

80.3869, 0.3391,
0.4476

3.5194, 0.2076,
0.0936

86.1092, 0.3422,
0.4521

Harmonies

Analogous

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



24.1615, 0.2986, 0.3112



24.1615, 0.3079, 0.3122



24.1615, 0.3186, 0.3175

Triad

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



24.1615, 0.3079, 0.3122



24.1615, 0.3327, 0.3429



24.1615, 0.2977, 0.3321

Complementary

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



24.1615, 0.3079, 0.3122



26.7474, 0.3173, 0.3458

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.



24.1615, 0.3066, 0.3410



24.1615, 0.3079, 0.3122



24.1615, 0.3268, 0.3472

Square

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



24.1615, 0.3079, 0.3122



24.1615, 0.3331, 0.3350



24.1615, 0.3173, 0.3465



24.1615, 0.2928, 0.3225

Rectangle

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



24.1615, 0.3079, 0.3122



24.1615, 0.3251, 0.3228



24.1615, 0.3173, 0.3465



24.1615, 0.3003, 0.3352

Sweetspot

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



24.1625, 0.3079, 0.3122



47.4087, 0.3114, 0.3242



25.1494, 0.3023, 0.3205



10.8976, 0.3115, 0.3245



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.1625, 0.3079, 0.3122



42.3236, 0.3070, 0.3093



24.5996, 0.3135, 0.3125



5.3791, 0.3063, 0.3068



2.9679, 0.2048, 0.0902



0.0415, 0.2535, 0.1170

Inverse Universe

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



24.4511, 0.3188, 0.3207



42.9239, 0.3199, 0.3193



26.3300, 0.3119, 0.3461



5.4662, 0.3208, 0.3181



5.5753, 0.4906, 0.2476



0.0577, 0.4035, 0.1996

Previews

White Background



This preview shows how the Yxy color 24.1615, 0.3079, 0.3122 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 24.1615, 0.3079, 0.3122 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

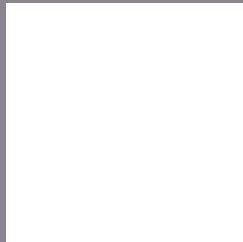
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.1615, 0.3079, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 24.1615, 0.3079, 0.3122.



This preview shows how white text looks on a background with the Yxy color 24.1615, 0.3079, 0.3122.

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

24.1615, 0.3079, 0.3122

Protanopia

24.2147, 0.3036, 0.3121

Deuteranopia

24.1451, 0.3148, 0.3093



Tritanopia

24.1615, 0.3079, 0.3122

Trichromacy



Original Color

24.1615, 0.3079, 0.3122

Protanomaly

24.2981, 0.3046, 0.3122

Deuteranomaly

24.2365, 0.3124, 0.3108

Tritanomaly

24.1615, 0.3079, 0.3122

Monochromacy



Original Color

24.1615, 0.3079, 0.3122

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5104, 0.3108, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1615, 0.3079, 0.3122 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(138, 133, 143)` looks like.

```
.text, #text, p{  
    color:rgb(138, 133, 143)  
}
```

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(138, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 133, 143) }
```

Border

The CSS property to change the border of an element to Yxy 24.1615, 0.3079, 0.3122 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(138, 133, 143) }
```

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

```
.border{ border-color:rgb(138, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(138, 133,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1615, 0.3079, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 133, 143) }
```

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

```
.background{ background-color: rgb(138,  
133, 143) }
```

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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