

Converting Colors

$Y_{xy}(24.2535, 0.3103, 0.3057)$

Have a look what the booklet for
Yxy(24.2535, 0.3103, 0.3057)
contains.

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Color

Yxy(24.4175, 0.3104, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	8F8492
RGB	143, 132, 146
RGB Percent	56%, 52%, 57%
CMY	0.4392, 0.4823, 0.4274
CMYK	0.02, 0.10, 0.00, 0.43
HSL	287°, 6%, 55%
HSV	287°, 10%, 57%
XYZ	24.7686, 24.4175, 30.6097
YIQ	136.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

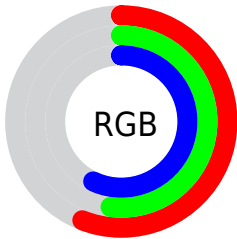
Format	Color
R _Y B	143, 132, 146
Decimal	9405586
CIE Lab	56.50, 6.85, -6.01
CIE LCh	57, 9.116, 318.742
Yxy	24.4175, 0.3104, 0.3060
Android (android.graphics.Color)	4287595666 (0xFF8F8492)
YUV	136.8850, 4.4937, 5.3629
Hunter-Lab	49.4141, 2.9978, -2.1375

Details

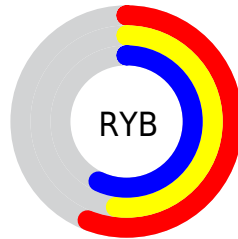
The Yxy color $24.4175, 0.3104, 0.3060$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.3825, 0.3148, 0.3526$, and the grayscale version is $24.9536, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7384, 0.3111, 0.3107$, and $9.3582, 0.3091, 0.2977$ is the 20% darker color. If you saturate the color by 10%, you get $20.4548, 0.3075, 0.2809$, and if you desaturate by 10%, it is $28.9445, 0.3128, 0.3299$.

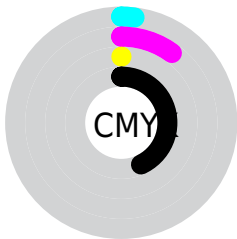
Distribution



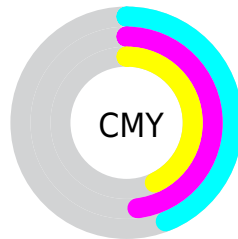
- Red (56%)
- Green (52%)
- Blue (57%)



- Red (56%)
- Yellow (52%)
- Blue (57%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)




- Cyan (44%)
- Magenta (48%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4175, 0.3104, 0.3060 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 24.4175, 0.3104, 0.3060 by changing the saturation by 10% instead.


 24.4175, 0.3104,
0.3060


 24.4175, 0.3104,
0.3060


274.9245, 0.3118,
0.3186


 15.6436, 0.3100,
0.3025


 50.7106, 0.3110,
0.3109

 9.2723, 0.3094,
0.2976

 68.9987, 0.3111,
0.3126

 4.9192, 0.3084,
0.2907

 91.2269, 0.3113,
0.3140

 2.1999, 0.3068,
0.2797

117.7797, 0.3114,
0.3152

 0.7200, 0.3046,
0.2575

149.0415, 0.3115,
0.3162

 0.0000, 0.0000,
0.0000

185.3966, 0.3116,

0.3171

227.2295, 0.3117,
0.3179

■ 24.4175, 0.3104,
0.3060

■ 24.4175, 0.3104,
0.3060

■ 20.4548, 0.3075,
0.2809

■ 28.9445, 0.3128,
0.3299

■ 17.0304, 0.3040,
0.2552

■ 34.0542, 0.3147,
0.3524

■ 14.1206, 0.3000,
0.2295

■ 39.7683, 0.3163,
0.3731

■ 11.6990, 0.2954,
0.2047

■ 46.1061, 0.3175,
0.3922

■ 9.7367, 0.2904,
0.1818

■ 53.0863, 0.3183,
0.4095

■ 8.2019, 0.2850,
0.1619

■ 60.7267, 0.3190,
0.4252

■ 7.0584, 0.2794,
0.1457

■ 69.0444, 0.3195,
0.4394

■ 6.2640, 0.2737,
0.1338

■ 78.0559, 0.3197,
0.4522

■ 5.7137, 0.2681,
0.1253

■ 82.2871, 0.3209,
0.4568

Harmonies

Analogous

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



24.4175, 0.2955, 0.3023



24.4175, 0.3104, 0.3060



24.4175, 0.3263, 0.3154

Triad

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



24.4175, 0.3104, 0.3060



24.4175, 0.3406, 0.3523



24.4175, 0.2874, 0.3288

Complementary

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



24.4175, 0.3104, 0.3060



27.3825, 0.3148, 0.3526

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.



24.4175, 0.2990, 0.3431



24.4175, 0.3104, 0.3060



24.4175, 0.3297, 0.3568

Square

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



24.4175, 0.3104, 0.3060



24.4175, 0.3440, 0.3418



24.4175, 0.3144, 0.3535



24.4175, 0.2825, 0.3150

Rectangle

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



24.4175, 0.3104, 0.3060



24.4175, 0.3352, 0.3238



24.4175, 0.3144, 0.3535



24.4175, 0.2906, 0.3338

Sweetspot

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



24.4185, 0.3104, 0.3060



48.1698, 0.3120, 0.3218



24.3202, 0.2983, 0.3104



10.5796, 0.3118, 0.3200



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.



24.4185, 0.3104, 0.3060



41.1226, 0.3097, 0.2995



24.5701, 0.3180, 0.3126



5.8469, 0.3105, 0.3070



5.0178, 0.2682, 0.1251



0.0740, 0.2950, 0.1399

Inverse Universe

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



24.3654, 0.3256, 0.3241



41.0109, 0.3296, 0.3226



27.2464, 0.3078, 0.3460



5.8346, 0.3250, 0.3243



5.4697, 0.5980, 0.3068



0.0706, 0.4995, 0.2526

Previews

White Background



This preview shows how the Yxy color 24.4175, 0.3104, 0.3060 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 24.4175, 0.3104, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

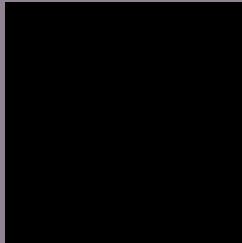
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4175, 0.3104, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 24.4175, 0.3104, 0.3060.



This preview shows how white text looks on a background with the Yxy color 24.4175, 0.3104, 0.3060.

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

24.4175, 0.3104, 0.3060

Protanopia

24.5344, 0.2985, 0.3072

Deuteranopia

24.5071, 0.3115, 0.3061



Tritanopia

24.5979, 0.3135, 0.3125

Trichromacy



Original Color

24.4175, 0.3104, 0.3060

Protanomaly

24.4751, 0.3027, 0.3073

Deuteranomaly

24.5071, 0.3115, 0.3061

Tritanomaly

24.6283, 0.3124, 0.3109

Monochromacy



Original Color

24.4175, 0.3104, 0.3060

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7104, 0.3120, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4175, 0.3104, 0.3060 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(143, 132, 146)` looks like.

```
.text, #text, p{  
    color:rgb(143, 132, 146)  
}
```

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(143, 132, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 132, 146) }
```

Border

The CSS property to change the border of an element to Yxy 24.4175, 0.3104, 0.3060 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(143, 132, 146) }
```

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

```
.border{ border-color:rgb(143, 132, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 132, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 132, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 132, 146);  
box-shadow:4px 4px 4px 4px rgb(143, 132,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4175, 0.3104, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 132, 146) }
```

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

```
.background{ background-color: rgb(143,  
132, 146) }
```

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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