

Converting Colors

$Y_{xy}(24.2400, 0.3539, 0.3108)$

Have a look what the booklet for
Yxy(24.2400, 0.3539, 0.3108)
contains.

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Color

Yxy(24.2400, 0.3539, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	A87B87
RGB	168, 123, 135
RGB Percent	66%, 48%, 53%
CMY	0.3413, 0.5176, 0.4705
CMYK	0.00, 0.27, 0.20, 0.34
HSL	344°, 21%, 57%
HSV	344°, 27%, 66%
XYZ	27.6015, 24.2400, 26.1508
YIQ	137.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

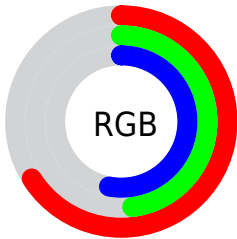
Format	Color
RYB	168, 123, 135
Decimal	11041671
CIELab	56.33, 19.35, 0.38
CIElCh	56, 19.355, 1.134
Yxy	24.2400, 0.3539, 0.3108
Android (android.graphics.Color)	4289231751 (0xFFA87B87)
YUV	137.8230, -1.3917, 26.4652
Hunter-Lab	49.2341, 13.9103, 2.9719

Details

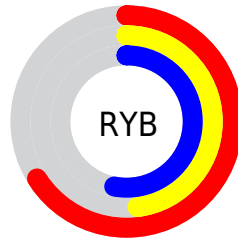
The Yxy color $24.2400, 0.3539, 0.3108$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.6077, 0.2833, 0.3481$, and the grayscale version is $25.3440, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5288, 0.3453, 0.3152$, and $9.1983, 0.3702, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $20.0974, 0.3759, 0.3037$, and if you desaturate by 10%, it is $29.1401, 0.3358, 0.3179$.

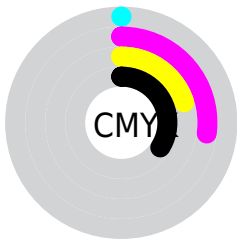
Distribution



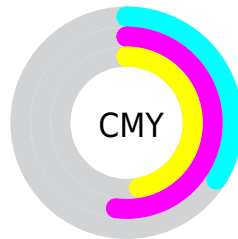
- Red (66%)
- Green (48%)
- Blue (53%)



- Red (66%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (34%)




- Cyan (34%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2400, 0.3539, 0.3108 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 24.2400, 0.3539, 0.3108 by changing the saturation by 10% instead.


 24.2400, 0.3539,
0.3108


 24.2400, 0.3539,
0.3108

274.0316, 0.3311,
0.3209

 15.5117, 0.3605,
0.3079


 50.4216, 0.3450,
0.3148

 9.1793, 0.3696,
0.3038


 68.6437, 0.3418,
0.3162

 4.8583, 0.3830,
0.2978

 90.7992, 0.3392,
0.3173

 2.1644, 0.4045,
0.2881

117.2725, 0.3371,
0.3183

 0.7005, 0.4498,
0.2683

148.4480, 0.3352,
0.3191

 0.0000, 1.0000,
0.0000

184.7101, 0.3336,

 0.0000, 0.0000,

0.3198

0.0000

226.4431, 0.3323,
0.3204

■ 24.2400, 0.3539,
0.3108

■ 24.2400, 0.3539,
0.3108

■ 20.0974, 0.3759,
0.3037

■ 29.1401, 0.3358,
0.3179

■ 16.6710, 0.4023,
0.2969

■ 34.8295, 0.3211,
0.3247

■ 13.9208, 0.4333,
0.2912

■ 41.3422, 0.3091,
0.3310

■ 11.8014, 0.4683,
0.2876

■ 48.7095, 0.2993,
0.3368

■ 10.2619, 0.5058,
0.2870

■ 56.9607, 0.2913,
0.3422

■ 9.2431, 0.5429,
0.2904

■ 66.1239, 0.2847,
0.3471

■ 8.6603, 0.5760,
0.2977

■ 76.2260, 0.2793,
0.3515

■ 8.5104, 0.5859,
0.3001

■ 85.7555, 0.2745,
0.3530

■ 86.4862, 0.2685,
0.3390

Harmonies

Analogous

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



24.2400, 0.3214, 0.2885



24.2400, 0.3539, 0.3108



24.2400, 0.3754, 0.3381

Triad

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



24.2400, 0.3539, 0.3108



24.2400, 0.3351, 0.3888



24.2400, 0.2505, 0.2887

Complementary

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



24.2400, 0.3539, 0.3108



34.6077, 0.2833, 0.3481

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.



24.2400, 0.2538, 0.3145



24.2400, 0.3539, 0.3108



24.2400, 0.3015, 0.3751

Square

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



24.2400, 0.3539, 0.3108



24.2400, 0.3637, 0.3841



24.2400, 0.2720, 0.3468



24.2400, 0.2626, 0.2753

Rectangle

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



24.2400, 0.3539, 0.3108



24.2400, 0.3799, 0.3564



24.2400, 0.2720, 0.3468



24.2400, 0.2498, 0.2961

Sweetspot

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



24.2411, 0.3539, 0.3108



61.7109, 0.3230, 0.3238



23.9875, 0.3015, 0.2610



13.1083, 0.3250, 0.3228



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



24.2411, 0.3539, 0.3108



39.4626, 0.3662, 0.3066



26.4607, 0.3650, 0.3441



7.5740, 0.3245, 0.3230



6.4362, 0.5833, 0.2987



0.1649, 0.4930, 0.2489

Inverse Universe

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



24.2411, 0.3539, 0.3108



39.4626, 0.3662, 0.3066



31.5718, 0.2730, 0.3134



7.5740, 0.3245, 0.3230



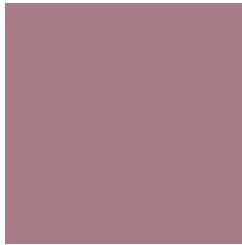
6.4362, 0.5833, 0.2987



0.1649, 0.4930, 0.2489

Previews

White Background



This preview shows how the Yxy color 24.2400, 0.3539, 0.3108 looks on a white background.

Color Contrast Check

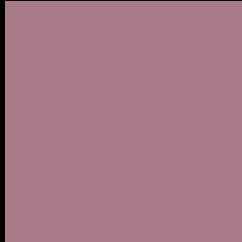
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2400, 0.3539, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

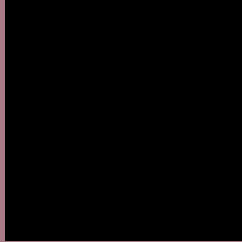
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2400, 0.3539, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 24.2400, 0.3539, 0.3108.



This preview shows how white text looks on a background with the Yxy color 24.2400, 0.3539, 0.3108.

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

24.2400, 0.3539, 0.3108

Protanopia

24.5152, 0.3066, 0.3172

Deuteranopia

24.3434, 0.3304, 0.3241



Tritanopia

24.1842, 0.3564, 0.3138

Trichromacy



Original Color

24.2400, 0.3539, 0.3108

Protanomaly

24.3926, 0.3237, 0.3160

Deuteranomaly

24.2275, 0.3393, 0.3195

Tritanomaly

24.2120, 0.3552, 0.3123

Monochromacy



Original Color

24.2400, 0.3539, 0.3108

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9708, 0.3267, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2400, 0.3539, 0.3108 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(168, 123, 135)` looks like.

```
.text, #text, p{  
    color:rgb(168, 123, 135)  
}
```

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(168, 123, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 123, 135) }
```

Border

The CSS property to change the border of an element to Yxy 24.2400, 0.3539, 0.3108 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(168, 123, 135) }
```

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

```
.border{ border-color:rgb(168, 123, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 123, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 123, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 123, 135);  
box-shadow:4px 4px 4px 4px rgb(168, 123,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2400, 0.3539, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 123, 135) }
```

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

```
.background{ background-color: rgb(168,  
123, 135) }
```

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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