

Converting Colors

$Y_{xy}(24.2523, 0.3376, 0.2957)$

Have a look what the booklet for
Yxy(24.2523, 0.3376, 0.2957)
contains.

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Color

Yxy(24.2096, 0.3383, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	A57B91
RGB	165, 123, 145
RGB Percent	65%, 48%, 57%
CMY	0.3528, 0.5177, 0.4314
CMYK	0.00, 0.25, 0.12, 0.35
HSL	329°, 19%, 56%
HSV	329°, 25%, 65%
XYZ	27.7161, 24.2096, 30.0019
YIQ	138.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

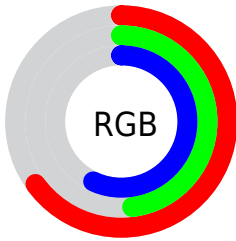
Format	Color
R _{YB}	165, 123, 145
Decimal	10845073
CIE Lab	56.30, 19.94, -5.49
CIE LCh	56, 20.682, 344.594
Yxy	24.2096, 0.3383, 0.2955
Android (android.graphics.Color)	4289035153 (0xFFA57B91)
YUV	138.0660, 3.4185, 23.6211
Hunter-Lab	49.2033, 14.4430, -1.7100

Details

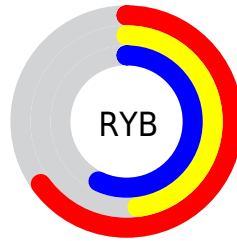
The Yxy color $24.2096, 0.3383, 0.2955$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.1161, 0.2932, 0.3652$, and the grayscale version is $25.4250, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3898, 0.3323, 0.3025$, and $9.2345, 0.3477, 0.2835$ is the 20% darker color. If you saturate the color by 10%, you get $20.2217, 0.3519, 0.2818$, and if you desaturate by 10%, it is $28.9067, 0.3268, 0.3091$.

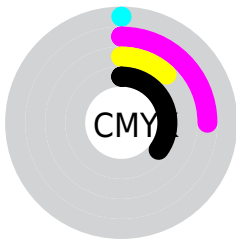
Distribution



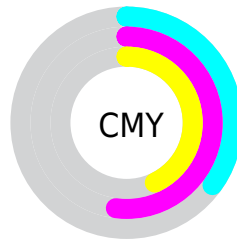
- Red (65%)
- Green (48%)
- Blue (57%)



- Red (65%)
- Yellow (48%)
- Blue (57%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (35%)




- Cyan (35%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2096, 0.3383, 0.2955 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 24.2096, 0.3383, 0.2955 by changing the saturation by 10% instead.


 24.2096, 0.3383,
0.2955


 24.2096, 0.3383,
0.2955


273.8784, 0.3243,
0.3136

 15.4892, 0.3422,
0.2904


 50.3720, 0.3329,
0.3025

 9.1634, 0.3476,
0.2836


 68.5828, 0.3310,
0.3050

 4.8479, 0.3554,
0.2739


 90.7258, 0.3294,
0.3070

 2.1583, 0.3675,
0.2588

117.1855, 0.3281,
0.3088

 0.6971, 0.3909,
0.2293

148.3462, 0.3269,
0.3103

 0.0000, 1.0000,
0.0000

184.5923, 0.3259,

 0.0000, 0.0000,

0.3115

0.0000

226.3083, 0.3251,
0.3127

■ 24.2096, 0.3383,
0.2955

■ 24.2096, 0.3383,
0.2955

■ 20.2217, 0.3519,
0.2818

■ 28.9067, 0.3268,
0.3091

■ 16.9048, 0.3678,
0.2684

■ 34.3422, 0.3173,
0.3222

■ 14.2220, 0.3860,
0.2564

■ 40.5476, 0.3093,
0.3345

■ 12.1317, 0.4064,
0.2466

■ 47.5517, 0.3027,
0.3460

■ 10.5869, 0.4285,
0.2402

■ 55.3819, 0.2972,
0.3566

■ 9.5336, 0.4513,
0.2384

■ 64.0639, 0.2927,
0.3663

■ 8.9027, 0.4739,
0.2418

■ 73.6227, 0.2889,
0.3753

■ 8.6815, 0.4842,
0.2441

■ 84.0719, 0.2858,
0.3834

■ 84.4683, 0.2818,
0.3740

Harmonies

Analogous

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



24.2096, 0.3017, 0.2769



24.2096, 0.3383, 0.2955



24.2096, 0.3691, 0.3222

Triad

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



24.2096, 0.3383, 0.2955



24.2096, 0.3547, 0.3925



24.2096, 0.2463, 0.2996

Complementary

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



24.2096, 0.3383, 0.2955



33.1161, 0.2932, 0.3652

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.



24.2096, 0.2587, 0.3322



24.2096, 0.3383, 0.2955



24.2096, 0.3205, 0.3890

Square

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



24.2096, 0.3383, 0.2955



24.2096, 0.3784, 0.3778



24.2096, 0.2855, 0.3662



24.2096, 0.2503, 0.2777

Rectangle

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



24.2096, 0.3383, 0.2955



24.2096, 0.3813, 0.3420



24.2096, 0.2855, 0.3662



24.2096, 0.2487, 0.3096

Sweetspot

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



24.2107, 0.3383, 0.2955



58.7459, 0.3197, 0.3187



22.6860, 0.2906, 0.2623



12.5284, 0.3210, 0.3169



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.2107, 0.3383, 0.2955



38.8437, 0.3463, 0.2871



23.6314, 0.3634, 0.3270



7.1450, 0.3207, 0.3173



6.5749, 0.4821, 0.2430



0.1476, 0.4099, 0.2032

Inverse Universe

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



24.2107, 0.3383, 0.2955



38.8437, 0.3463, 0.2871



33.7994, 0.2772, 0.3311



7.1450, 0.3207, 0.3173



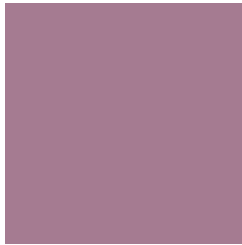
6.5749, 0.4821, 0.2430



0.1476, 0.4099, 0.2032

Previews

White Background



This preview shows how the Yxy color 24.2096, 0.3383, 0.2955 looks on a white background.

Color Contrast Check

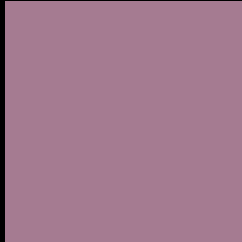
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2096, 0.3383, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

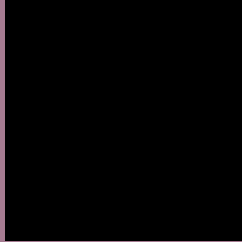
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2096, 0.3383, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 24.2096, 0.3383, 0.2955.



This preview shows how white text looks on a background with the Yxy color 24.2096, 0.3383, 0.2955.

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

24.2096, 0.3383, 0.2955

Protanopia

24.3037, 0.2935, 0.2989

Deuteranopia

24.2355, 0.3159, 0.3093



Tritanopia

24.2810, 0.3497, 0.3151

Trichromacy



Original Color

24.2096, 0.3383, 0.2955

Protanomaly

24.1549, 0.3096, 0.2982

Deuteranomaly

24.1274, 0.3232, 0.3034

Tritanomaly

24.1428, 0.3452, 0.3075

Monochromacy



Original Color

24.2096, 0.3383, 0.2955

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9940, 0.3213, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2096, 0.3383, 0.2955 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(165, 123, 145)` looks like.

```
.text, #text, p{  
    color:rgb(165, 123, 145)  
}
```

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(165, 123, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 123, 145) }
```

Border

The CSS property to change the border of an element to Yxy 24.2096, 0.3383, 0.2955 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(165, 123, 145) }
```

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

```
.border{ border-color:rgb(165, 123, 145) }
```

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

Here you see how a box with a 4 pixel rgb(165, 123, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 123, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 123, 145);  
box-shadow:4px 4px 4px 4px rgb(165, 123,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2096, 0.3383, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 123, 145) }
```

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

```
.background{ background-color: rgb(165,  
123, 145) }
```

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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