

Converting Colors

$Yxy(26.4381, 0.3602, 0.3043)$

Have a look what the booklet for
Yxy(26.4381, 0.3602, 0.3043)
contains.

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Color

Yxy(26.4440, 0.3604, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	B57D8E
RGB	181, 125, 142
RGB Percent	71%, 49%, 56%
CMY	0.2903, 0.5097, 0.4431
CMYK	0.00, 0.31, 0.22, 0.29
HSL	342°, 27%, 60%
HSV	342°, 31%, 71%
XYZ	31.2678, 26.4440, 29.0468
YIQ	143.6820, 27.9190, 17.1590

Conversions

Conversions Part 2

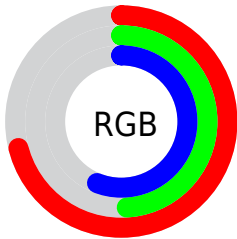
Format	Color
R _{YB}	181, 125, 142
Decimal	11894158
CIE Lab	58.46, 24.23, -0.38
CIE LCh	58, 24.233, 359.111
Yxy	26.4440, 0.3604, 0.3048
Android (android.graphics.Color)	4290084238 (0xFFB57D8E)
YUV	143.6820, -0.8292, 32.7279
Hunter-Lab	51.4237, 18.5439, 2.5066

Details

The Yxy color $26.4440, 0.3604, 0.3048$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $40.0792, 0.2805, 0.3549$, and the grayscale version is $27.7509, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0035, 0.3502, 0.3093$, and $10.3169, 0.3778, 0.2953$ is the 20% darker color. If you saturate the color by 10%, you get $21.9148, 0.3831, 0.2968$, and if you desaturate by 10%, it is $31.8533, 0.3417, 0.3130$.

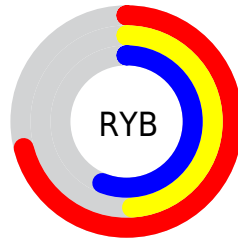
Distribution



Red (71%)

Green (49%)

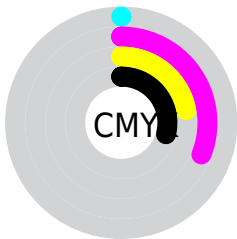
Blue (56%)



Red (71%)

Yellow (49%)

Blue (56%)

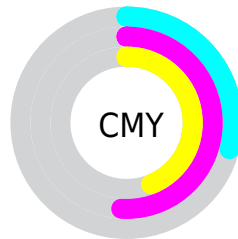


Cyan (0%)

Magenta (31%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (51%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4440, 0.3604, 0.3048 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 26.4440, 0.3604, 0.3048 by changing the saturation by 10% instead.


 26.4440, 0.3604,
0.3048


 26.4440, 0.3604,
0.3048


284.9549, 0.3343,
0.3180


 17.1561, 0.3678,
0.3011


 53.9904, 0.3503,
0.3099

 10.3458, 0.3778,
0.2960


 73.0176, 0.3467,
0.3117

 5.6289, 0.3922,
0.2887


 96.0601, 0.3438,
0.3132

 2.6207, 0.4149,
0.2774

123.5022, 0.3413,
0.3145

 0.9371, 0.4550,
0.2573

155.7284, 0.3392,
0.3156

 0.0000, 1.0000,
0.0000

193.1229, 0.3373,

 0.0000, 0.0000,

0.3165

0.0000

236.0703, 0.3357,
0.3173

■ 26.4440, 0.3604,
0.3048

■ 26.4440, 0.3604,
0.3048

■ 21.9148, 0.3831,
0.2968

■ 31.8533, 0.3417,
0.3130

■ 18.2153, 0.4100,
0.2894

■ 38.1824, 0.3263,
0.3209

■ 15.2955, 0.4412,
0.2836


■ 45.4729, 0.3137,
0.3283


■ 13.0984, 0.4758,
0.2805


■ 53.7628, 0.3035,
0.3353

■ 11.5595, 0.5119,
0.2811

■ 63.0880, 0.2951,
0.3416

 10.6020, 0.5465,
0.2863

 73.4828, 0.2883,
0.3474

 10.0959, 0.5747,
0.2939

 84.9796, 0.2826,
0.3527

 87.8023, 0.2765,
0.3421

 88.5608, 0.2706,
0.3289

Harmonies

Analogous

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



26.4440, 0.3201, 0.2790



26.4440, 0.3604, 0.3048



26.4440, 0.3880, 0.3371

Triad

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



26.4440, 0.3604, 0.3048



26.4440, 0.3421, 0.4026



26.4440, 0.2376, 0.2815

Complementary

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



26.4440, 0.3604, 0.3048



40.0792, 0.2805, 0.3549

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.



26.4440, 0.2427, 0.3133



26.4440, 0.3604, 0.3048



26.4440, 0.3014, 0.3877

Square

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



26.4440, 0.3604, 0.3048



26.4440, 0.3762, 0.3945



26.4440, 0.2654, 0.3533



26.4440, 0.2508, 0.2648

Rectangle

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



26.4440, 0.3604, 0.3048



26.4440, 0.3945, 0.3591



26.4440, 0.2654, 0.3533



26.4440, 0.2372, 0.2906

Sweetspot

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



26.4452, 0.3604, 0.3048



70.5892, 0.3239, 0.3222



25.8201, 0.2973, 0.2490



14.8729, 0.3258, 0.3211



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.4452, 0.3604, 0.3048



41.7721, 0.3751, 0.2994



28.7069, 0.3769, 0.3440



8.5463, 0.3241, 0.3221



6.9730, 0.5714, 0.2921



0.2300, 0.4909, 0.2478

Inverse Universe

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



26.4452, 0.3604, 0.3048



41.7721, 0.3751, 0.2994



36.7153, 0.2672, 0.3134



8.5463, 0.3241, 0.3221



6.9730, 0.5714, 0.2921



0.2300, 0.4909, 0.2478

Previews

White Background



This preview shows how the Yxy color 26.4440, 0.3604, 0.3048 looks on a white background.

Color Contrast Check

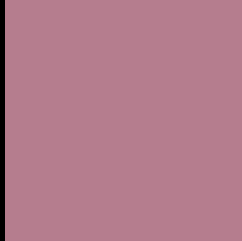
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4440, 0.3604, 0.3048 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 26.4440, 0.3604, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 26.4440, 0.3604, 0.3048.



This preview shows how white text looks on a background with the Yxy color 26.4440, 0.3604, 0.3048.

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

26.4440, 0.3604, 0.3048

Protanopia

26.6533, 0.3029, 0.3112

Deuteranopia

26.4703, 0.3299, 0.3227



Tritanopia

26.4026, 0.3662, 0.3147

Trichromacy



Original Color

26.4440, 0.3604, 0.3048

Protanomaly

26.5340, 0.3226, 0.3088

Deuteranomaly

26.3181, 0.3399, 0.3153

Tritanomaly

26.4600, 0.3638, 0.3118

Monochromacy



Original Color

26.4440, 0.3604, 0.3048

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0426, 0.3287, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4440, 0.3604, 0.3048 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(181, 125, 142)` looks like.

```
.text, #text, p{  
    color:rgb(181, 125, 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(181, 125, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 125, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.4440, 0.3604, 0.3048 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(181, 125, 142) }
```

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

```
.border{ border-color:rgb(181, 125, 142) }
```

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

Here you see how a box with a 4 pixel rgb(181, 125, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 125, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 125, 142);  
box-shadow:4px 4px 4px 4px rgb(181, 125,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4440, 0.3604, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 125, 142) }
```

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

```
.background{ background-color: rgb(181,  
125, 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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