

Converting Colors

$Y_{xy}(26.4818, 0.3579, 0.3011)$

Have a look what the booklet for
Yxy(26.4818, 0.3579, 0.3011)
contains.

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Color

Yxy(26.5046, 0.3580, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	B57D90
RGB	181, 125, 144
RGB Percent	71%, 49%, 56%
CMY	0.2903, 0.5097, 0.4353
CMYK	0.00, 0.31, 0.20, 0.29
HSL	340°, 27%, 60%
HSV	340°, 31%, 71%
XYZ	31.4194, 26.5046, 29.8396
YIQ	143.9100, 27.2770, 17.7810

Conversions

Conversions Part 2

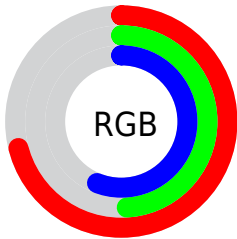
Format	Color
R _Y B	181, 125, 144
Decimal	11894160
CIE Lab	58.51, 24.54, -1.44
CIE LCh	59, 24.584, 356.645
Yxy	26.5046, 0.3580, 0.3020
Android (android.graphics.Color)	4290084240 (0xFFB57D90)
YUV	143.9100, 0.0444, 32.5279
Hunter-Lab	51.4826, 18.8423, 1.6730

Details

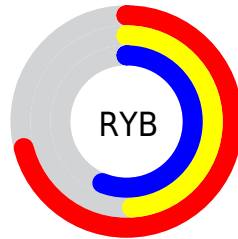
The Yxy color **26.5046, 0.3580, 0.3020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0100, 0.2819, 0.3580**, and the grayscale version is **27.8437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0951, 0.3485, 0.3072**, and **10.3523, 0.3740, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **21.9862, 0.3794, 0.2930**, and if you desaturate by 10%, it is **31.8991, 0.3402, 0.3111**.

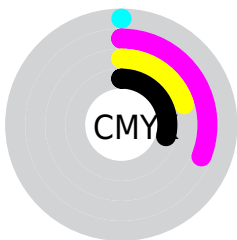
Distribution



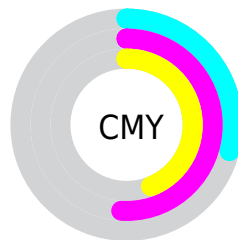
- Red (71%)
- Green (49%)
- Blue (56%)



- Red (71%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5046, 0.3580, 0.3020 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 26.5046, 0.3580, 0.3020 by changing the saturation by 10% instead.

 26.5046, 0.3580,
0.3020


 26.5046, 0.3580,
0.3020

285.2504, 0.3333,
0.3166


 17.2015, 0.3649,
0.2979

 54.0879, 0.3485,
0.3076

 10.3783, 0.3744,
0.2924


 73.1369, 0.3451,
0.3096

 5.6505, 0.3880,
0.2845

 96.2033, 0.3423,
0.3113

 2.6337, 0.4092,
0.2723

123.6715, 0.3399,
0.3127

 0.9437, 0.4466,
0.2511

155.9259, 0.3379,
0.3139

 0.0000, 1.0000,
0.0000

193.3509, 0.3361,

 0.0000, 0.0000,

0.3150

0.0000

236.3310, 0.3346,
0.3159

■ 26.5046, 0.3580,
0.3020

■ 26.5046, 0.3580,
0.3020

■ 21.9862, 0.3794,
0.2930

■ 31.8991, 0.3402,
0.3111

■ 18.2937, 0.4047,
0.2847

■ 38.2092, 0.3257,
0.3199

■ 15.3773, 0.4340,
0.2781

■ 45.4762, 0.3137,
0.3283

■ 13.1804, 0.4665,
0.2742


■ 53.7381, 0.3039,
0.3360

■ 11.6385, 0.5007,
0.2743

■ 63.0306, 0.2959,
0.3431

 10.6754, 0.5339,
0.2791

 73.3877, 0.2893,
0.3497

 10.1621, 0.5616,
0.2867

 84.8417, 0.2839,
0.3556

 87.6144, 0.2781,
0.3456

 88.3479, 0.2722,
0.3325

Harmonies

Analogous

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



26.5046, 0.3167, 0.2767



26.5046, 0.3580, 0.3020



26.5046, 0.3876, 0.3343

Triad

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



26.5046, 0.3580, 0.3020



26.5046, 0.3457, 0.4039



26.5046, 0.2364, 0.2829

Complementary

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



26.5046, 0.3580, 0.3020



40.0100, 0.2819, 0.3580

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.



26.5046, 0.2430, 0.3162



26.5046, 0.3580, 0.3020



26.5046, 0.3046, 0.3907

Square

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



26.5046, 0.3580, 0.3020



26.5046, 0.3793, 0.3937



26.5046, 0.2673, 0.3570



26.5046, 0.2483, 0.2647

Rectangle

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



26.5046, 0.3580, 0.3020



26.5046, 0.3954, 0.3568



26.5046, 0.2673, 0.3570



26.5046, 0.2365, 0.2926

Sweetspot

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



26.5058, 0.3580, 0.3020



70.6290, 0.3234, 0.3214



25.6246, 0.2953, 0.2485



14.8827, 0.3252, 0.3202



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.



26.5058, 0.3580, 0.3020



41.8938, 0.3719, 0.2959



28.1902, 0.3777, 0.3413



8.5512, 0.3236, 0.3213



7.0190, 0.5583, 0.2849



0.2320, 0.4792, 0.2413

Inverse Universe

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



26.5058, 0.3580, 0.3020



41.8938, 0.3719, 0.2959



37.4251, 0.2675, 0.3162



8.5512, 0.3236, 0.3213



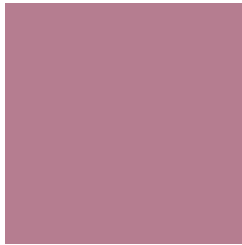
7.0190, 0.5583, 0.2849



0.2320, 0.4792, 0.2413

Previews

White Background



This preview shows how the Yxy color 26.5046, 0.3580, 0.3020 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 26.5046, 0.3580, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

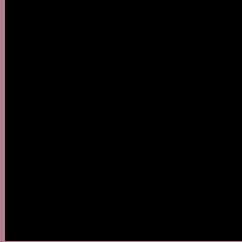
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5046, 0.3580, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 26.5046, 0.3580, 0.3020.



This preview shows how white text looks on a background with the Yxy color 26.5046, 0.3580, 0.3020.

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

26.5046, 0.3580, 0.3020

Protanopia

26.6315, 0.3000, 0.3079

Deuteranopia

26.7143, 0.3264, 0.3211



Tritanopia

26.4026, 0.3662, 0.3147

Trichromacy



Original Color

26.5046, 0.3580, 0.3020

Protanomaly

26.4985, 0.3194, 0.3057

Deuteranomaly

26.6507, 0.3374, 0.3138

Tritanomaly

26.4891, 0.3626, 0.3104

Monochromacy



Original Color

26.5046, 0.3580, 0.3020

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0730, 0.3277, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5046, 0.3580, 0.3020 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(181, 125, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 125, 144) }
```

Border

The CSS property to change the border of an element to Yxy 26.5046, 0.3580, 0.3020 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, 144) }
```

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

```
.border{ border-color:rgb(181, 125, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 125, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 125, 144); box-shadow:4px 4px 4px 4px rgb(181, 125, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5046, 0.3580, 0.3020 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, 144) }
```

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

```
.background{ background-color: rgb(181,  
125, 144) }
```

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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