

Converting Colors

$Y_{xy}(25.4591, 0.3520, 0.2865)$

Have a look what the booklet for
Yxy(25.4591, 0.3520, 0.2865)
contains.

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Color

Yxy(25.4587, 0.3520, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	B57896
RGB	181, 120, 150
RGB Percent	71%, 47%, 59%
CMY	0.2902, 0.5294, 0.4117
CMYK	0.00, 0.34, 0.17, 0.29
HSL	330°, 29%, 59%
HSV	330°, 34%, 71%
XYZ	31.2791, 25.4587, 32.1233
YIQ	141.6590, 26.7260, 22.2620

Conversions

Conversions Part 2

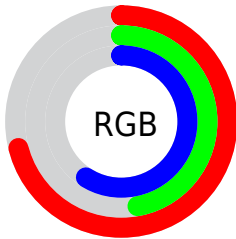
Format	Color
RYB	181, 120, 150
Decimal	11892886
CIELab	57.52, 28.31, -6.38
CIELCh	58, 29.020, 347.291
Yxy	25.4587, 0.3520, 0.2865
Android (android.graphics.Color)	4290082966 (0xFFB57896)
YUV	141.6590, 4.1121, 34.5021
Hunter-Lab	50.4566, 22.3568, -2.4274

Details

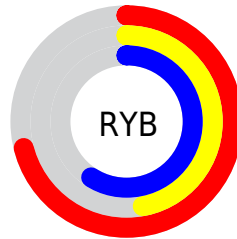
The Yxy color $25.4587, 0.3520, 0.2865$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $39.2777, 0.2859, 0.3762$, and the grayscale version is $26.8850, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4239, 0.3441, 0.2953$, and $9.7932, 0.3667, 0.2721$ is the 20% darker color. If you saturate the color by 10%, you get $21.2251, 0.3688, 0.2738$, and if you desaturate by 10%, it is $30.5409, 0.3378, 0.2996$.

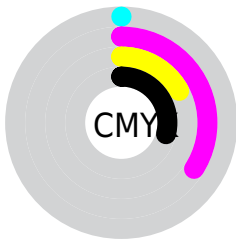
Distribution



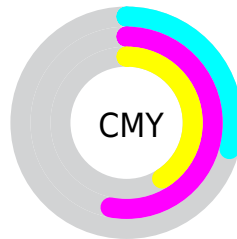
- Red (71%)
- Green (47%)
- Blue (59%)



- Red (71%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4587, 0.3520, 0.2865 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 25.4587, 0.3520, 0.2865 by changing the saturation by 10% instead.


 25.4587, 0.3520,
0.2865


 25.4587, 0.3520,
0.2865


280.1147, 0.3307,
0.3092


 16.4191, 0.3579,
0.2803


 52.4004, 0.3438,
0.2951

 9.8212, 0.3659,
0.2720


 71.0713, 0.3409,
0.2982

 5.2806, 0.3773,
0.2604


 93.7215, 0.3385,
0.3008

 2.4128, 0.3949,
0.2429

120.7353, 0.3364,
0.3030

 0.8325, 0.4254,
0.2136

152.4971, 0.3347,
0.3049

 0.0000, 0.7448,
0.0000

189.3913, 0.3332,

 0.0000, 0.0000,

0.3065

0.0000

231.8024, 0.3319,
0.3079

■ 25.4587, 0.3520,
0.2865

■ 25.4587, 0.3520,
0.2865

■ 21.2251, 0.3688,
0.2738

■ 30.5409, 0.3378,
0.2996

■ 17.7895, 0.3882,
0.2621

■ 36.5114, 0.3259,
0.3124

■ 15.1014, 0.4102,
0.2525


■ 43.4119, 0.3159,
0.3246

■ 13.1029, 0.4341,
0.2463


■ 51.2802, 0.3077,
0.3362


■ 11.7278, 0.4591,
0.2446

■ 60.1520, 0.3009,
0.3468


 10.8962, 0.4838,
0.2482

 70.0613, 0.2953,
0.3567

 10.5464, 0.4990,
0.2523

 81.0405, 0.2907,
0.3657

 86.7038, 0.2863,
0.3639

 87.2152, 0.2816,
0.3534

Harmonies

Analogous

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



25.4587, 0.3014, 0.2608



25.4587, 0.3520, 0.2865



25.4587, 0.3938, 0.3222

Triad

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



25.4587, 0.3520, 0.2865



25.4587, 0.3654, 0.4176



25.4587, 0.2228, 0.2841

Complementary

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



25.4587, 0.3520, 0.2865



39.2777, 0.2859, 0.3762

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.



25.4587, 0.2369, 0.3280



25.4587, 0.3520, 0.2865



25.4587, 0.3177, 0.4119

Square

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



25.4587, 0.3520, 0.2865



25.4587, 0.4006, 0.3970



25.4587, 0.2708, 0.3773



25.4587, 0.2300, 0.2572

Rectangle

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



25.4587, 0.3520, 0.2865



25.4587, 0.4090, 0.3485



25.4587, 0.2708, 0.3773



25.4587, 0.2251, 0.2972

Sweetspot

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



25.4599, 0.3520, 0.2865



69.5628, 0.3221, 0.3168



23.3014, 0.2836, 0.2383



14.6769, 0.3236, 0.3151



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.



25.4599, 0.3520, 0.2865



40.1577, 0.3634, 0.2775



24.6136, 0.3901, 0.3292



8.5726, 0.3213, 0.3179



7.2839, 0.4963, 0.2507



0.2410, 0.4350, 0.2170

Inverse Universe

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



25.4599, 0.3520, 0.2865



40.1577, 0.3634, 0.2775



40.3799, 0.2656, 0.3289



8.5726, 0.3213, 0.3179



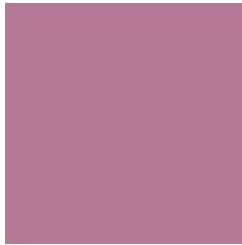
7.2839, 0.4963, 0.2507



0.2410, 0.4350, 0.2170

Previews

White Background



This preview shows how the Yxy color 25.4587, 0.3520, 0.2865 looks on a white background.

Color Contrast Check

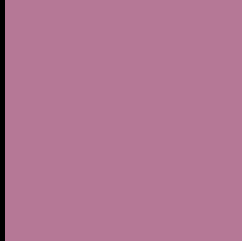
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4587, 0.3520, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

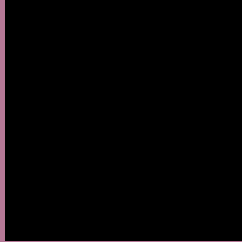
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4587, 0.3520, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 25.4587, 0.3520, 0.2865.



This preview shows how white text looks on a background with the Yxy color 25.4587, 0.3520, 0.2865.

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

25.4587, 0.3520, 0.2865

Protanopia

25.5329, 0.2863, 0.2899

Deuteranopia

25.4527, 0.3148, 0.3081



Tritanopia

25.4156, 0.3710, 0.3160

Trichromacy



Original Color

25.4587, 0.3520, 0.2865

Protanomaly

25.2462, 0.3080, 0.2883

Deuteranomaly

25.3122, 0.3279, 0.2997

Tritanomaly

25.4864, 0.3638, 0.3046

Monochromacy



Original Color

25.4587, 0.3520, 0.2865

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1624, 0.3259, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4587, 0.3520, 0.2865 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, 120, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 120, 150)  
}
```

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, 120, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 120, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.4587, 0.3520, 0.2865 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, 120, 150) }
```

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

```
.border{ border-color:rgb(181, 120, 150) }
```

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

Here you see how a box with a 4 pixel rgb(181, 120, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 120, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 120, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 120,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4587, 0.3520, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 120, 150) }
```

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

```
.background{ background-color: rgb(181,  
120, 150) }
```

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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