

Converting Colors

$Y_{xy}(25.0761, 0.3495, 0.2823)$

Have a look what the booklet for
Yxy(25.0761, 0.3495, 0.2823)
contains.

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Color

Yxy(25.1639, 0.3486, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	B47798
RGB	180, 119, 152
RGB Percent	71%, 47%, 60%
CMY	0.2941, 0.5333, 0.4039
CMYK	0.00, 0.34, 0.16, 0.29
HSL	328°, 29%, 59%
HSV	328°, 34%, 71%
XYZ	31.0848, 25.1639, 32.9217
YIQ	141.0010, 25.7630, 23.1950

Conversions

Conversions Part 2

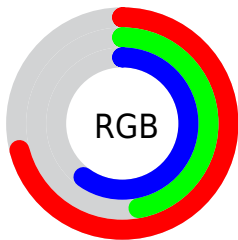
Format	Color
R_{YB}	180, 119, 152
Decimal	11827096
CIE Lab	57.23, 28.82, -7.97
CIE LCh	57, 29.902, 344.542
Yxy	25.1639, 0.3486, 0.2822
Android (android.graphics.Color)	4290017176 (0xFFB47798)
YUV	141.0010, 5.4225, 34.2021
Hunter-Lab	50.1636, 22.8245, -3.7967

Details

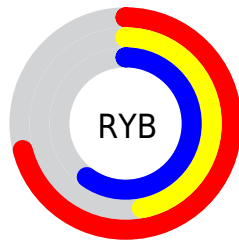
The Yxy color **25.1639, 0.3486, 0.2822** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.6688, 0.2879, 0.3814**, and the grayscale version is **26.6078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9658, 0.3417, 0.2919**, and **9.6314, 0.3614, 0.2661** is the 20% darker color. If you saturate the color by 10%, you get **21.0171, 0.3637, 0.2683**, and if you desaturate by 10%, it is **30.1432, 0.3357, 0.2965**.

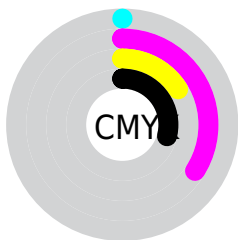
Distribution



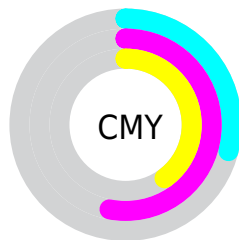
- Red (71%)
- Green (47%)
- Blue (60%)



- Red (71%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (16%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1639, 0.3486, 0.2822 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 25.1639, 0.3486, 0.2822 by changing the saturation by 10% instead.


 25.1639, 0.3486,
0.2822


 25.1639, 0.3486,
0.2822


278.6532, 0.3293,
0.3071


 16.1992, 0.3539,
0.2754


 51.9230, 0.3412,
0.2916

 9.6652, 0.3611,
0.2664


 70.4862, 0.3385,
0.2951

 5.1776, 0.3714,
0.2538


 93.0177, 0.3363,
0.2979

 2.3518, 0.3870,
0.2349

119.9018, 0.3345,
0.3003

 0.8009, 0.4140,
0.2033

151.5231, 0.3329,
0.3024

 0.0000, 0.6483,
0.0000

188.2658, 0.3315,

 0.0000, 0.0000,

0.3042

0.0000

230.5144, 0.3303,
0.3057

■ 25.1639, 0.3486,
0.2822

■ 25.1639, 0.3486,
0.2822

■ 21.0171, 0.3637,
0.2683

■ 30.1432, 0.3357,
0.2965

■ 17.6530, 0.3810,
0.2555

■ 35.9943, 0.3249,
0.3105

■ 15.0219, 0.4004,
0.2449


■ 42.7580, 0.3158,
0.3240

■ 13.0669, 0.4214,
0.2377


■ 50.4716, 0.3083,
0.3367

■ 11.7223, 0.4433,
0.2350


■ 59.1702, 0.3020,
0.3485


 10.9095, 0.4651,
0.2375

 68.8873, 0.2968,
0.3593

 10.5721, 0.4783,
0.2408

 79.6547, 0.2925,
0.3694

 86.2898, 0.2886,
0.3703

 86.7335, 0.2843,
0.3607

Harmonies

Analogous

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



25.1639, 0.2963, 0.2570



25.1639, 0.3486, 0.2822



25.1639, 0.3935, 0.3182

Triad

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



25.1639, 0.3486, 0.2822



25.1639, 0.3711, 0.4197



25.1639, 0.2204, 0.2859

Complementary

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



25.1639, 0.3486, 0.2822



38.6688, 0.2879, 0.3814

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.



25.1639, 0.2369, 0.3325



25.1639, 0.3486, 0.2822



25.1639, 0.3224, 0.4169

Square

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



25.1639, 0.3486, 0.2822



25.1639, 0.4057, 0.3961



25.1639, 0.2734, 0.3834



25.1639, 0.2258, 0.2566

Rectangle

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



25.1639, 0.3486, 0.2822



25.1639, 0.4110, 0.3452



25.1639, 0.2734, 0.3834



25.1639, 0.2234, 0.3000

Sweetspot

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



25.1651, 0.3486, 0.2822



69.6248, 0.3213, 0.3156



22.6433, 0.2802, 0.2370



14.6920, 0.3226, 0.3137



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.



25.1651, 0.3486, 0.2822



39.6271, 0.3602, 0.2713



24.3048, 0.3866, 0.3248



8.5796, 0.3205, 0.3168



7.3931, 0.4758, 0.2395



0.2442, 0.4217, 0.2097

Inverse Universe

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



25.1651, 0.3486, 0.2822



39.6271, 0.3602, 0.2713



39.7341, 0.2674, 0.3335



8.5796, 0.3205, 0.3168



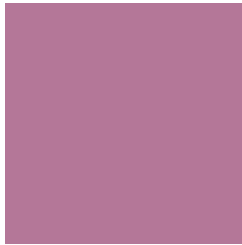
7.3931, 0.4758, 0.2395



0.2442, 0.4217, 0.2097

Previews

White Background



This preview shows how the Yxy color 25.1639, 0.3486, 0.2822 looks on a white background.

Color Contrast Check

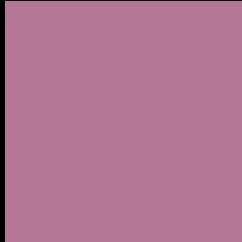
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1639, 0.3486, 0.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

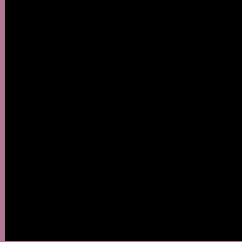
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1639, 0.3486, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 25.1639, 0.3486, 0.2822.



This preview shows how white text looks on a background with the Yxy color 25.1639, 0.3486, 0.2822.

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

25.1639, 0.3486, 0.2822

Protanopia

25.4412, 0.2825, 0.2867

Deuteranopia

25.3311, 0.3105, 0.3048



Tritanopia

25.2968, 0.3698, 0.3160

Trichromacy



Original Color

25.1639, 0.3486, 0.2822

Protanomaly

24.8580, 0.3037, 0.2835

Deuteranomaly

25.1716, 0.3234, 0.2965

Tritanomaly

25.3669, 0.3626, 0.3045

Monochromacy



Original Color

25.1639, 0.3486, 0.2822

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7880, 0.3249, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1639, 0.3486, 0.2822 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(180, 119, 152)` looks like.

```
.text, #text, p{  
    color:rgb(180, 119, 152)  
}
```

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(180, 119, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 119, 152) }
```

Border

The CSS property to change the border of an element to Yxy 25.1639, 0.3486, 0.2822 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(180, 119, 152) }
```

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

```
.border{ border-color:rgb(180, 119, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 119, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 119, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 119, 152);  
box-shadow:4px 4px 4px 4px rgb(180, 119,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1639, 0.3486, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 119, 152) }
```

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

```
.background{ background-color: rgb(180,  
119, 152) }
```

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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