

Converting Colors

$Y_{xy}(26.2747, 0.3479, 0.2739)$

Have a look what the booklet for
Yxy(26.2747, 0.3479, 0.2739)
contains.

Yxy(26.2617, 0.3484, 0.2744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.2617, 0.3484, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	BB779F
RGB	187, 119, 159
RGB Percent	73%, 47%, 62%
CMY	0.2667, 0.5333, 0.3766
CMYK	0.00, 0.36, 0.15, 0.27
HSL	325°, 33%, 60%
HSV	325°, 36%, 73%
XYZ	33.3439, 26.2617, 36.1003
YIQ	143.8920, 27.6880, 26.8560

Conversions

Conversions Part 2

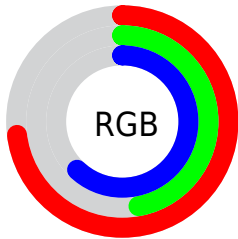
Format	Color
RYB	187, 119, 159
Decimal	12285855
CIELab	58.28, 32.45, -10.35
CIELCh	58, 34.056, 342.311
Yxy	26.2617, 0.3484, 0.2744
Android (android.graphics.Color)	4290475935 (0xFFBB779F)
YUV	143.8920, 7.4482, 37.8057
Hunter-Lab	51.2462, 26.4624, -5.8944

Details

The Yxy color $26.2617, 0.3484, 0.2744$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $41.5655, 0.2885, 0.3913$, and the grayscale version is $27.8059, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5932, 0.3408, 0.2845$, and $10.2445, 0.3587, 0.2561$ is the 20% darker color. If you saturate the color by 10%, you get $21.9816, 0.3624, 0.2596$, and if you desaturate by 10%, it is $31.4366, 0.3363, 0.2898$.

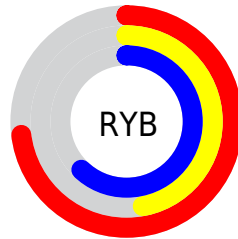
Distribution



Red (73%)

Green (47%)

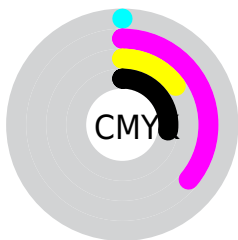
Blue (62%)



Red (73%)

Yellow (47%)

Blue (62%)

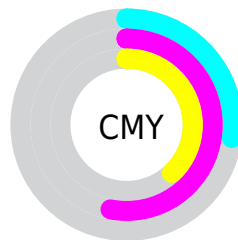


Cyan (0%)

Magenta (36%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2617, 0.3484, 0.2744 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 26.2617, 0.3484, 0.2744 by changing the saturation by 10% instead.


 26.2617, 0.3484,
0.2744


 26.2617, 0.3484,
0.2744


284.0644, 0.3295,
0.3031


 17.0195, 0.3535,
0.2668


 53.6968, 0.3412,
0.2851

 10.2484, 0.3603,
0.2568


 72.6586, 0.3386,
0.2891

 5.5640, 0.3698,
0.2429


 95.6290, 0.3365,
0.2924

 2.5818, 0.3839,
0.2227

122.9924, 0.3346,
0.2951

 0.9175, 0.4071,
0.1905

155.1333, 0.3331,
0.2975

 0.0000, 0.5421,
0.0000

192.4359, 0.3317,

 0.0000, 0.0000,

0.2996

0.0000

235.2849, 0.3305,
0.3014

■ 26.2617, 0.3484,
0.2744

■ 26.2617, 0.3484,
0.2744

■ 21.9816, 0.3624,
0.2596

■ 31.4366, 0.3363,
0.2898

■ 18.5406, 0.3782,
0.2462

■ 37.5502, 0.3261,
0.3052

■ 15.8827, 0.3956,
0.2354

■ 44.6480, 0.3175,
0.3200

■ 13.9435, 0.4143,
0.2283

■ 52.7715, 0.3102,
0.3340

■ 12.6478, 0.4334,
0.2259

■ 61.9596, 0.3042,
0.3471

■ 11.8976, 0.4522,
0.2287

■ 72.2495, 0.2992,
0.3593

■ 11.6872, 0.4592,
0.2303

■ 83.6763, 0.2951,
0.3705

■ 87.2835, 0.2911,
0.3669

■ 87.7029, 0.2871,
0.3582

Harmonies

Analogous

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



26.2617, 0.2898, 0.2478



26.2617, 0.3484, 0.2744



26.2617, 0.4005, 0.3132

Triad

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



26.2617, 0.3484, 0.2744



26.2617, 0.3810, 0.4294



26.2617, 0.2107, 0.2835

Complementary

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



26.2617, 0.3484, 0.2744



41.5655, 0.2885, 0.3913

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.



26.2617, 0.2304, 0.3369



26.2617, 0.3484, 0.2744



26.2617, 0.3271, 0.4301

Square

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



26.2617, 0.3484, 0.2744



26.2617, 0.4184, 0.4002



26.2617, 0.2721, 0.3944



26.2617, 0.2151, 0.2497

Rectangle

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



26.2617, 0.3484, 0.2744



26.2617, 0.4217, 0.3427



26.2617, 0.2721, 0.3944



26.2617, 0.2146, 0.2995

Sweetspot

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



26.2629, 0.3484, 0.2744



73.6145, 0.3214, 0.3129



22.9145, 0.2736, 0.2283



15.8331, 0.3226, 0.3109



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.2629, 0.3484, 0.2744



40.5263, 0.3599, 0.2619



25.2622, 0.3903, 0.3196



9.6279, 0.3199, 0.3156



8.0685, 0.4570, 0.2291



0.3288, 0.4161, 0.2066

Inverse Universe

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



26.2629, 0.3484, 0.2744



40.5263, 0.3599, 0.2619



42.7610, 0.2666, 0.3389



9.6279, 0.3199, 0.3156



8.0685, 0.4570, 0.2291



0.3288, 0.4161, 0.2066

Previews

White Background



This preview shows how the Yxy color 26.2617, 0.3484, 0.2744 looks on a white background.

Color Contrast Check

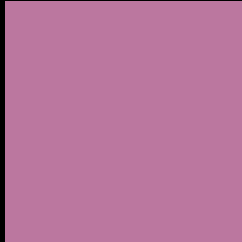
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2617, 0.3484, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

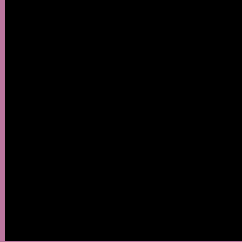
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2617, 0.3484, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 26.2617, 0.3484, 0.2744.



This preview shows how white text looks on a background with the Yxy color 26.2617, 0.3484, 0.2744.

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

26.2617, 0.3484, 0.2744

Protanopia

26.4303, 0.2759, 0.2767

Deuteranopia

26.4947, 0.3044, 0.2990



Tritanopia

26.2991, 0.3754, 0.3164

Trichromacy



Original Color

26.2617, 0.3484, 0.2744

Protanomaly

26.0649, 0.3001, 0.2758

Deuteranomaly

26.0810, 0.3203, 0.2883

Tritanomaly

26.1863, 0.3661, 0.3010

Monochromacy



Original Color

26.2617, 0.3484, 0.2744

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9715, 0.3260, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2617, 0.3484, 0.2744 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(187, 119, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 119, 159)  
}
```

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(187, 119, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 119, 159) }
```

Border

The CSS property to change the border of an element to Yxy 26.2617, 0.3484, 0.2744 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(187, 119, 159) }
```

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

```
.border{ border-color:rgb(187, 119, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 119, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 119, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 119, 159);  
box-shadow:4px 4px 4px 4px rgb(187, 119,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2617, 0.3484, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 119, 159) }
```

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

```
.background{ background-color: rgb(187,  
119, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor