

Converting Colors

$Y_{xy}(25.7907, 0.3455, 0.2781)$

Have a look what the booklet for
Yxy(25.7907, 0.3455, 0.2781)
contains.

Yxy(25.7783, 0.3459, 0.2786)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.7783, 0.3459, 0.2786)

Conversions

Conversions Part 1

Format	Color
Hex	B6789C
RGB	182, 120, 156
RGB Percent	71%, 47%, 61%
CMY	0.2864, 0.5294, 0.3882
CMYK	0.00, 0.34, 0.14, 0.29
HSL	325°, 30%, 59%
HSV	325°, 34%, 71%
XYZ	32.0054, 25.7783, 34.7443
YIQ	142.6420, 25.3960, 24.3400

Conversions

Conversions Part 2

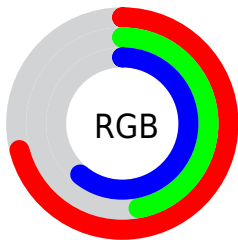
Format	Color
R_{YB}	182, 120, 156
Decimal	11958428
CIE Lab	57.83, 29.64, -9.38
CIE LCh	58, 31.089, 342.434
Yxy	25.7783, 0.3459, 0.2786
Android (android.graphics.Color)	4290148508 (0xFFB6789C)
YUV	142.6420, 6.5855, 34.5170
Hunter-Lab	50.7723, 23.6697, -5.0324

Details

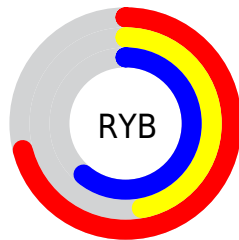
The Yxy color **25.7783, 0.3459, 0.2786** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.5167, 0.2896, 0.3858**, and the grayscale version is **27.2846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8910, 0.3398, 0.2891**, and **9.9894, 0.3571, 0.2615** is the 20% darker color. If you saturate the color by 10%, you get **21.5594, 0.3596, 0.2638**, and if you desaturate by 10%, it is **30.8476, 0.3341, 0.2939**.

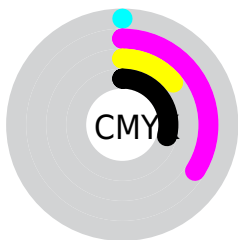
Distribution



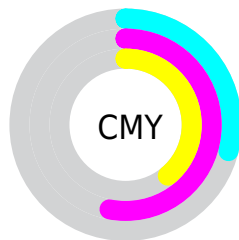
- Red (71%)
- Green (47%)
- Blue (61%)



- Red (71%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (29%)




- Cyan (29%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7783, 0.3459, 0.2786 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 25.7783, 0.3459, 0.2786 by changing the saturation by 10% instead.


 25.7783, 0.3459,
0.2786


 25.7783, 0.3459,
0.2786


281.6921, 0.3282,
0.3052


 16.6579, 0.3507,
0.2715


 52.9171, 0.3392,
0.2886

 9.9909, 0.3572,
0.2620


 71.7042, 0.3367,
0.2923

 5.3929, 0.3662,
0.2488


 94.4823, 0.3347,
0.2953

 2.4796, 0.3799,
0.2294

121.6359, 0.3330,
0.2979

 0.8664, 0.4026,
0.1979

153.5492, 0.3315,
0.3001

 0.0000, 0.5567,
0.0000

190.6068, 0.3303,

 0.0000, 0.0000,

0.3021

0.0000

233.1929, 0.3292,
0.3037

■ 25.7783, 0.3459,
0.2786

■ 25.7783, 0.3459,
0.2786

■ 21.5594, 0.3596,
0.2638

■ 30.8476, 0.3341,
0.2939

■ 18.1399, 0.3753,
0.2501

■ 36.8077, 0.3241,
0.3089

■ 15.4685, 0.3927,
0.2387


■ 43.7004, 0.3157,
0.3234


■ 13.4869, 0.4115,
0.2308


■ 51.5640, 0.3087,
0.3370

■ 12.1275, 0.4310,
0.2273

■ 60.4347, 0.3029,
0.3497


 11.3091, 0.4503,
0.2291

 70.3466, 0.2980,
0.3615

 10.9771, 0.4617,
0.2317

 81.3323, 0.2940,
0.3723

 86.4738, 0.2902,
0.3714

 86.8801, 0.2863,
0.3626

Harmonies

Analogous

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



25.7783, 0.2921, 0.2537



25.7783, 0.3459, 0.2786



25.7783, 0.3935, 0.3149

Triad

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



25.7783, 0.3459, 0.2786



25.7783, 0.3759, 0.4215



25.7783, 0.2182, 0.2873

Complementary

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



25.7783, 0.3459, 0.2786



39.5167, 0.2896, 0.3858

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.



25.7783, 0.2366, 0.3363



25.7783, 0.3459, 0.2786



25.7783, 0.3262, 0.4212

Square

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



25.7783, 0.3459, 0.2786



25.7783, 0.4101, 0.3955



25.7783, 0.2754, 0.3885



25.7783, 0.2223, 0.2558

Rectangle

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



25.7783, 0.3459, 0.2786



25.7783, 0.4128, 0.3425



25.7783, 0.2754, 0.3885



25.7783, 0.2219, 0.3022

Sweetspot

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



25.7795, 0.3459, 0.2786



71.3956, 0.3207, 0.3146



22.9086, 0.2778, 0.2358



15.3920, 0.3219, 0.3126



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.7795, 0.3459, 0.2786



40.7663, 0.3562, 0.2672



24.8642, 0.3846, 0.3218



9.0973, 0.3200, 0.3158



7.7673, 0.4597, 0.2306



0.2859, 0.4148, 0.2059

Inverse Universe

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



25.7795, 0.3459, 0.2786



40.7663, 0.3562, 0.2672



40.6088, 0.2685, 0.3366



9.0973, 0.3200, 0.3158



7.7673, 0.4597, 0.2306



0.2859, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 25.7783, 0.3459, 0.2786 looks on a white background.

Color Contrast Check

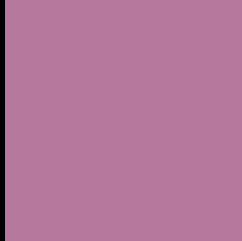
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7783, 0.3459, 0.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

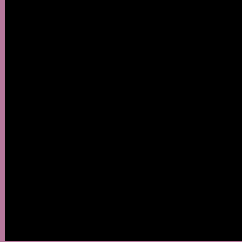
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7783, 0.3459, 0.2786

Background



This preview shows how black text looks on a background with the Yxy color 25.7783, 0.3459, 0.2786.



This preview shows how white text looks on a background with the Yxy color 25.7783, 0.3459, 0.2786.

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

25.7783, 0.3459, 0.2786

Protanopia

25.9907, 0.2792, 0.2809

Deuteranopia

25.7388, 0.3064, 0.3002



Tritanopia

25.7202, 0.3682, 0.3146

Trichromacy



Original Color

25.7783, 0.3459, 0.2786

Protanomaly

25.4922, 0.3009, 0.2781

Deuteranomaly

25.6693, 0.3201, 0.2923

Tritanomaly

25.8222, 0.3598, 0.3018

Monochromacy



Original Color

25.7783, 0.3459, 0.2786

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6342, 0.3237, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7783, 0.3459, 0.2786 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(182, 120, 156)` looks like.

```
.text, #text, p{  
    color:rgb(182, 120, 156)  
}
```

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(182, 120, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 120, 156) }
```

Border

The CSS property to change the border of an element to Yxy 25.7783, 0.3459, 0.2786 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(182, 120, 156) }
```

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

```
.border{ border-color:rgb(182, 120, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 120, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 120, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 120, 156);  
box-shadow:4px 4px 4px 4px rgb(182, 120,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7783, 0.3459, 0.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 120, 156) }
```

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

```
.background{ background-color: rgb(182,  
120, 156) }
```

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