

Converting Colors

$Y_{xy}(25.7279, 0.3775, 0.3134)$

Have a look what the booklet for
Yxy(25.7279, 0.3775, 0.3134)
contains.

Yxy(25.6825, 0.3778, 0.3122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6825, 0.3778, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	B97985
RGB	185, 121, 133
RGB Percent	73%, 47%, 52%
CMY	0.2745, 0.5255, 0.4785
CMYK	0.00, 0.35, 0.28, 0.27
HSL	349°, 31%, 60%
HSV	349°, 35%, 73%
XYZ	31.0790, 25.6825, 25.5015
YIQ	141.5040, 34.2920, 17.3000

Conversions

Conversions Part 2

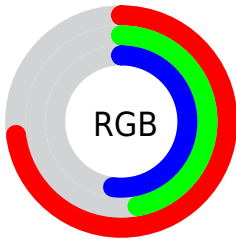
Format	Color
RYB	185, 121, 133
Decimal	12155269
CIELab	57.73, 26.64, 3.85
CIElCh	58, 26.921, 8.215
Yxy	25.6825, 0.3778, 0.3122
Android (android.graphics.Color)	4290345349 (0xFFB97985)
YUV	141.5040, -4.1925, 38.1460
Hunter-Lab	50.6779, 20.7813, 5.6393

Details

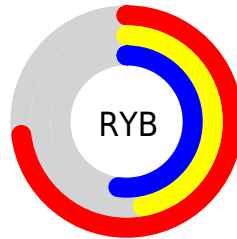
The Yxy color **25.6825, 0.3778, 0.3122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.7852, 0.2722, 0.3469**, and the grayscale version is **26.8514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6945, 0.3635, 0.3160**, and **9.8924, 0.4011, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **21.2237, 0.4067, 0.3074**, and if you desaturate by 10%, it is **31.0656, 0.3540, 0.3172**.

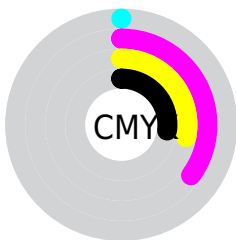
Distribution



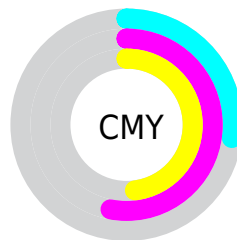
- Red (73%)
- Green (47%)
- Blue (52%)



- Red (73%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (27%)





- Cyan (27%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6825, 0.3778, 0.3122 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 25.6825, 0.3778, 0.3122 by changing the saturation by 10% instead.


 25.6825, 0.3778,
0.3122


 25.6825, 0.3778,
0.3122


281.2200, 0.3419,
0.3218


 16.5863, 0.3881,
0.3093


 52.7623, 0.3638,
0.3160

 9.9400, 0.4022,
0.3052


 71.5146, 0.3589,
0.3174

 5.3592, 0.4226,
0.2991

 94.2545, 0.3548,
0.3185

 2.4595, 0.4549,
0.2889

121.3662, 0.3514,
0.3194

 0.8563, 0.5176,
0.2718

153.2343, 0.3485,
0.3201

 0.0000, 1.0000,
0.0000


190.2430, 0.3459,

 0.0000, 0.0000,


0.3208

0.0000


232.7767, 0.3438,
0.3213


 25.6825, 0.3778,
0.3122

 25.6825, 0.3778,
0.3122


 21.2237, 0.4067,
0.3074


 31.0656, 0.3540,
0.3172


 17.6335, 0.4409,
0.3034

 37.4171, 0.3346,
0.3222

 14.8560, 0.4798,
0.3010


 44.7830, 0.3189,
0.3269

 12.8271, 0.5213,
0.3009

 53.2048, 0.3062,
0.3313


 11.4730, 0.5616,
0.3040

 62.7223, 0.2959,
0.3353

 10.7050, 0.5957,
0.3103

 73.3726, 0.2875,
0.3390

 10.4345, 0.6108,
0.3139

 85.1915, 0.2806,
0.3423

 88.9459, 0.2734,
0.3307

 89.0554, 0.2726,
0.3289

Harmonies

Analogous

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



25.6825, 0.3352, 0.2810



25.6825, 0.3778, 0.3122



25.6825, 0.4021, 0.3487

Triad

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



25.6825, 0.3778, 0.3122



25.6825, 0.3315, 0.4099



25.6825, 0.2316, 0.2681

Complementary

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



25.6825, 0.3778, 0.3122



41.7852, 0.2722, 0.3469

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.



25.6825, 0.2309, 0.2987



25.6825, 0.3778, 0.3122



25.6825, 0.2864, 0.3853

Square

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



25.6825, 0.3778, 0.3122



25.6825, 0.3734, 0.4075



25.6825, 0.2502, 0.3423



25.6825, 0.2519, 0.2556

Rectangle

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



25.6825, 0.3778, 0.3122



25.6825, 0.4037, 0.3726



25.6825, 0.2502, 0.3423



25.6825, 0.2291, 0.2764

Sweetspot

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



25.6837, 0.3778, 0.3122



72.6250, 0.3272, 0.3244



25.9728, 0.3029, 0.2409



15.2672, 0.3295, 0.3237



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.



25.6837, 0.3778, 0.3122



39.4095, 0.4008, 0.3083



30.5120, 0.3839, 0.3563



9.0389, 0.3259, 0.3247



7.1123, 0.6081, 0.3123



0.2591, 0.5404, 0.2750

Inverse Universe

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



25.6837, 0.3778, 0.3122



39.4095, 0.4008, 0.3083



34.7707, 0.2606, 0.2997



9.0389, 0.3259, 0.3247



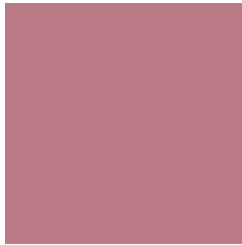
7.1123, 0.6081, 0.3123



0.2591, 0.5404, 0.2750

Previews

White Background



This preview shows how the Yxy color 25.6825, 0.3778, 0.3122 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 25.6825, 0.3778, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

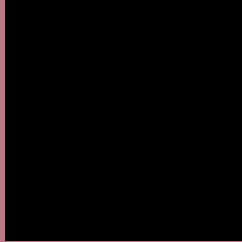
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6825, 0.3778, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 25.6825, 0.3778, 0.3122.



This preview shows how white text looks on a background with the Yxy color 25.6825, 0.3778, 0.3122.

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

25.6825, 0.3778, 0.3122

Protanopia

25.7356, 0.3098, 0.3207

Deuteranopia

25.7568, 0.3413, 0.3339



Tritanopia

25.6277, 0.3803, 0.3150

Trichromacy



Original Color

25.6825, 0.3778, 0.3122

Protanomaly

25.4345, 0.3328, 0.3180

Deuteranomaly

25.5819, 0.3546, 0.3245

Tritanomaly

25.6550, 0.3790, 0.3136

Monochromacy



Original Color

25.6825, 0.3778, 0.3122

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1834, 0.3348, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6825, 0.3778, 0.3122 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(185, 121, 133)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 133)  
}
```

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(185, 121, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.6825, 0.3778, 0.3122 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(185, 121, 133) }
```

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

```
.border{ border-color:rgb(185, 121, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 133);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6825, 0.3778, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 133) }
```

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

```
.background{ background-color: rgb(185,  
121, 133) }
```

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