

Converting Colors

$Y_{xy}(25.7892, 0.3397, 0.2836)$

Have a look what the booklet for
Yxy(25.7892, 0.3397, 0.2836)
contains.

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Color

Yxy(25.7626, 0.3395, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	B07B9B
RGB	176, 123, 155
RGB Percent	69%, 48%, 61%
CMY	0.3098, 0.5176, 0.3921
CMYK	0.00, 0.30, 0.12, 0.31
HSL	324°, 25%, 59%
HSV	324°, 30%, 69%
XYZ	30.9060, 25.7626, 34.3653
YIQ	142.4950, 21.3160, 21.1880

Conversions

Conversions Part 2

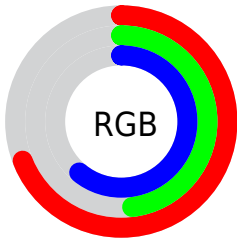
Format	Color
RYB	176, 123, 155
Decimal	11565979
CIELab	57.81, 25.67, -8.91
CIELCh	58, 27.177, 340.861
Yxy	25.7626, 0.3395, 0.2830
Android (android.graphics.Color)	4289756059 (0xFFB07B9B)
YUV	142.4950, 6.1650, 29.3839
Hunter-Lab	50.7569, 19.8647, -4.6129

Details

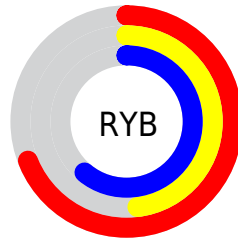
The Yxy color **25.7626, 0.3395, 0.2830** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.2758, 0.2930, 0.3801**, and the grayscale version is **27.2264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8099, 0.3342, 0.2926**, and **9.9755, 0.3493, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **21.5552, 0.3517, 0.2674**, and if you desaturate by 10%, it is **30.7708, 0.3291, 0.2988**.

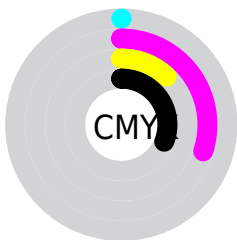
Distribution



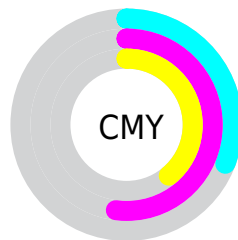
- Red (69%)
- Green (48%)
- Blue (61%)



- Red (69%)
- Yellow (48%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (12%)
- Black (31%)




- Cyan (31%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7626, 0.3395, 0.2830 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 25.7626, 0.3395, 0.2830 by changing the saturation by 10% instead.


 25.7626, 0.3395,
0.2830


 25.7626, 0.3395,
0.2830


281.6147, 0.3252,
0.3074


 16.6461, 0.3434,
0.2764


 52.8917, 0.3341,
0.2922

 9.9825, 0.3486,
0.2677


 71.6731, 0.3321,
0.2956

 5.3874, 0.3559,
0.2555


 94.4450, 0.3305,
0.2984

 2.4763, 0.3669,
0.2373

121.5917, 0.3291,
0.3007

 0.8647, 0.3853,
0.2074

153.4976, 0.3279,
0.3028

 0.0000, 0.5247,
0.0000

190.5472, 0.3269,

 0.0000, 0.0000,

0.3045

0.0000

233.1248, 0.3260,
0.3060

■ 25.7626, 0.3395,
0.2830

■ 25.7626, 0.3395,
0.2830

■ 21.5552, 0.3517,
0.2674

■ 30.7708, 0.3291,
0.2988

■ 18.1029, 0.3656,
0.2527

■ 36.6156, 0.3202,
0.3141

■ 15.3606, 0.3812,
0.2398


■ 43.3346, 0.3128,
0.3288


■ 13.2768, 0.3982,
0.2298

■ 50.9622, 0.3066,
0.3426

■ 11.7933, 0.4161,
0.2240

■ 59.5310, 0.3014,
0.3555

 10.8413, 0.4341,
0.2230

 69.0719, 0.2971,
0.3673

 10.2783, 0.4517,
0.2262

 79.6144, 0.2935,
0.3782

 85.4412, 0.2902,
0.3792

 85.7977, 0.2866,
0.3710

Harmonies

Analogous

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



25.7626, 0.2925, 0.2614



25.7626, 0.3395, 0.2830



25.7626, 0.3814, 0.3152

Triad

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



25.7626, 0.3395, 0.2830



25.7626, 0.3706, 0.4094



25.7626, 0.2295, 0.2950

Complementary

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



25.7626, 0.3395, 0.2830



37.2758, 0.2930, 0.3801

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.



25.7626, 0.2472, 0.3382



25.7626, 0.3395, 0.2830



25.7626, 0.3276, 0.4095

Square

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



25.7626, 0.3395, 0.2830



25.7626, 0.3992, 0.3866



25.7626, 0.2825, 0.3825



25.7626, 0.2320, 0.2658

Rectangle

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



25.7626, 0.3395, 0.2830



25.7626, 0.3992, 0.3397



25.7626, 0.2825, 0.3825



25.7626, 0.2332, 0.3083

Sweetspot

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



25.7638, 0.3395, 0.2830



67.5031, 0.3195, 0.3156



23.1686, 0.2809, 0.2474



14.2762, 0.3206, 0.3134



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.7638, 0.3395, 0.2830



41.5927, 0.3472, 0.2728



24.9862, 0.3709, 0.3200



8.5886, 0.3196, 0.3153



7.5529, 0.4500, 0.2252



0.2487, 0.4052, 0.2006

Inverse Universe

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



25.7638, 0.3395, 0.2830



41.5927, 0.3472, 0.2728



38.1584, 0.2743, 0.3384



8.5886, 0.3196, 0.3153



7.5529, 0.4500, 0.2252



0.2487, 0.4052, 0.2006

Previews

White Background



This preview shows how the Yxy color 25.7626, 0.3395, 0.2830 looks on a white background.

Color Contrast Check

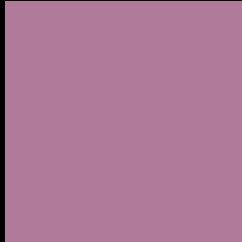
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7626, 0.3395, 0.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

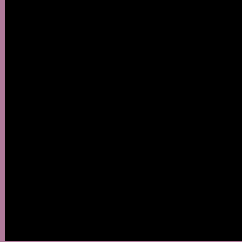
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7626, 0.3395, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 25.7626, 0.3395, 0.2830.



This preview shows how white text looks on a background with the Yxy color 25.7626, 0.3395, 0.2830.

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

25.7626, 0.3395, 0.2830

Protanopia

25.9619, 0.2828, 0.2855

Deuteranopia

25.8309, 0.3075, 0.3003



Tritanopia

25.6980, 0.3591, 0.3143

Trichromacy



Original Color

25.7626, 0.3395, 0.2830

Protanomaly

25.7378, 0.3017, 0.2853

Deuteranomaly

25.8348, 0.3189, 0.2937

Tritanomaly

25.7644, 0.3521, 0.3027

Monochromacy



Original Color

25.7626, 0.3395, 0.2830

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3046, 0.3214, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7626, 0.3395, 0.2830 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(176, 123, 155)` looks like.

```
.text, #text, p{  
    color:rgb(176, 123, 155)  
}
```

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(176, 123, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 123, 155) }
```

Border

The CSS property to change the border of an element to Yxy 25.7626, 0.3395, 0.2830 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(176, 123, 155) }
```

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

```
.border{ border-color:rgb(176, 123, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 123, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 123, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 123, 155);  
box-shadow:4px 4px 4px 4px rgb(176, 123,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7626, 0.3395, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 123, 155) }
```

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

```
.background{ background-color: rgb(176,  
123, 155) }
```

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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