

Converting Colors

$Y_{xy}(25.2102, 0.3334, 0.2833)$

Have a look what the booklet for
Yxy(25.2102, 0.3334, 0.2833)
contains.

Yxy(25.0785, 0.3325, 0.2819)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.0785, 0.3325, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	AA7B9B
RGB	170, 123, 155
RGB Percent	67%, 48%, 61%
CMY	0.3333, 0.5177, 0.3920
CMYK	0.00, 0.28, 0.09, 0.33
HSL	319°, 22%, 57%
HSV	319°, 28%, 67%
XYZ	29.5800, 25.0785, 34.3039
YIQ	140.7010, 17.7400, 19.9160

Conversions

Conversions Part 2

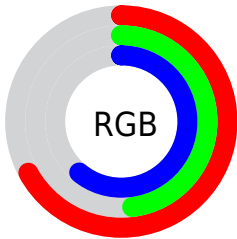
Format	Color
R_{YB}	170, 123, 155
Decimal	11172763
CIE _{Lab}	57.15, 23.53, -9.97
CIE _{LCh}	57, 25.550, 337.043
Yxy	25.0785, 0.3325, 0.2819
Android (android.graphics.Color)	4289362843 (0xFFAA7B9B)
YUV	140.7010, 7.0494, 25.6952
Hunter-Lab	50.0784, 17.7979, -5.5589

Details

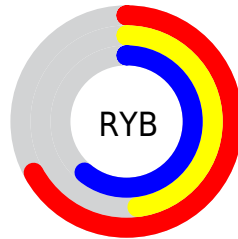
The Yxy color $25.0785, 0.3325, 0.2819$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $34.7978, 0.2973, 0.3813$, and the grayscale version is $26.4807, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8229, 0.3291, 0.2920$, and $9.6789, 0.3386, 0.2668$ is the 20% darker color. If you saturate the color by 10%, you get $21.0437, 0.3419, 0.2645$, and if you desaturate by 10%, it is $29.8562, 0.3243, 0.2994$.

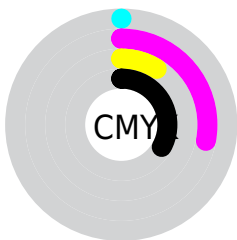
Distribution



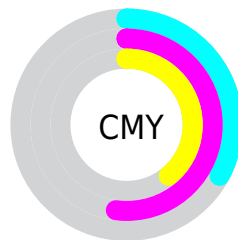
- Red (67%)
- Green (48%)
- Blue (61%)



- Red (67%)
- Yellow (48%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (9%)
- Black (33%)




- Cyan (33%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0785, 0.3325, 0.2819 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 25.0785, 0.3325, 0.2819 by changing the saturation by 10% instead.


 25.0785, 0.3325,
0.2819


 25.0785, 0.3325,
0.2819


278.2287, 0.3220,
0.3070


 16.1356, 0.3353,
0.2751


 51.7845, 0.3285,
0.2914

 9.6201, 0.3391,
0.2661


 70.3164, 0.3271,
0.2948

 5.1478, 0.3443,
0.2534


 92.8134, 0.3259,
0.2977

 2.3343, 0.3521,
0.2345

119.6599, 0.3249,
0.3001

 0.7918, 0.3650,
0.2026

151.2403, 0.3240,
0.3022

 0.0000, 0.4373,
0.0000

187.9389, 0.3233,

 0.0000, 0.0000,

0.3040

0.0000

230.1402, 0.3226,
0.3056

■ 25.0785, 0.3325,
0.2819

■ 25.0785, 0.3325,
0.2819

■ 21.0437, 0.3419,
0.2645

■ 29.8562, 0.3243,
0.2994

■ 17.7105, 0.3526,
0.2478

■ 35.4086, 0.3173,
0.3165

■ 15.0385, 0.3645,
0.2329

■ 41.7699, 0.3114,
0.3327

■ 12.9821, 0.3773,
0.2206

■ 48.9710, 0.3064,
0.3480

■ 11.4897, 0.3908,
0.2122

■ 57.0415, 0.3023,
0.3623

■ 10.5012, 0.4044,
0.2082

■ 66.0092, 0.2988,
0.3754

■ 9.9205, 0.4178,
0.2089

■ 75.9010, 0.2959,
0.3875

■ 9.8041, 0.4209,
0.2093

■ 84.1612, 0.2933,
0.3945

■ 84.4164, 0.2905,
0.3880

Harmonies

Analogous

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



25.0785, 0.2883, 0.2629



25.0785, 0.3325, 0.2819



25.0785, 0.3736, 0.3117

Triad

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



25.0785, 0.3325, 0.2819



25.0785, 0.3723, 0.4036



25.0785, 0.2345, 0.3016

Complementary

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



25.0785, 0.3325, 0.2819



34.7978, 0.2973, 0.3813

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.



25.0785, 0.2539, 0.3435



25.0785, 0.3325, 0.2819



25.0785, 0.3326, 0.4066

Square

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



25.0785, 0.3325, 0.2819



25.0785, 0.3968, 0.3803



25.0785, 0.2893, 0.3841



25.0785, 0.2344, 0.2716

Rectangle

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



25.0785, 0.3325, 0.2819



25.0785, 0.3923, 0.3349



25.0785, 0.2893, 0.3841



25.0785, 0.2389, 0.3147

Sweetspot

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



25.0796, 0.3325, 0.2819



63.7081, 0.3177, 0.3156



22.4611, 0.2808, 0.2543



13.8574, 0.3186, 0.3132



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.0796, 0.3325, 0.2819



40.9882, 0.3380, 0.2715



24.3676, 0.3606, 0.3161



7.6253, 0.3184, 0.3137



7.2217, 0.4196, 0.2085



0.1844, 0.3801, 0.1867

Inverse Universe

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



25.0796, 0.3325, 0.2819



40.9882, 0.3380, 0.2715



35.5504, 0.2795, 0.3425



7.6253, 0.3184, 0.3137



7.2217, 0.4196, 0.2085



0.1844, 0.3801, 0.1867

Previews

White Background



This preview shows how the Yxy color 25.0785, 0.3325, 0.2819 looks on a white background.

Color Contrast Check

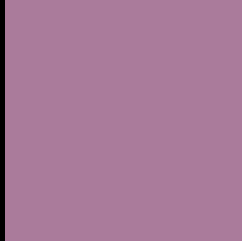
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0785, 0.3325, 0.2819 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 25.0785, 0.3325, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 25.0785, 0.3325, 0.2819.



This preview shows how white text looks on a background with the Yxy color 25.0785, 0.3325, 0.2819.

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

25.0785, 0.3325, 0.2819

Protanopia

25.1942, 0.2815, 0.2835

Deuteranopia

25.2794, 0.3043, 0.2984



Tritanopia

25.0241, 0.3519, 0.3139

Trichromacy



Original Color

25.0785, 0.3325, 0.2819

Protanomaly

24.9168, 0.2985, 0.2817

Deuteranomaly

25.0707, 0.3133, 0.2915

Tritanomaly

25.0854, 0.3450, 0.3020

Monochromacy



Original Color

25.0785, 0.3325, 0.2819

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8009, 0.3203, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0785, 0.3325, 0.2819 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(170, 123, 155)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 123, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 155) }
```

Border

The CSS property to change the border of an element to Yxy 25.0785, 0.3325, 0.2819 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(170, 123, 155) }
```

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

```
.border{ border-color:rgb(170, 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(170, 123, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 155);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0785, 0.3325, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 155) }
```

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

```
.background{ background-color: rgb(170,  
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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