

Converting Colors

$Y_{xy}(25.4270, 0.3338, 0.2856)$

Have a look what the booklet for
Yxy(25.4270, 0.3338, 0.2856)
contains.

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Color

Yxy(25.2944, 0.3335, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	AA7C9A
RGB	170, 124, 154
RGB Percent	67%, 49%, 60%
CMY	0.3333, 0.5137, 0.3960
CMYK	0.00, 0.27, 0.09, 0.33
HSL	321°, 21%, 58%
HSV	321°, 27%, 67%
XYZ	29.6197, 25.2944, 33.9005
YIQ	141.1740, 17.7860, 19.0820

Conversions

Conversions Part 2

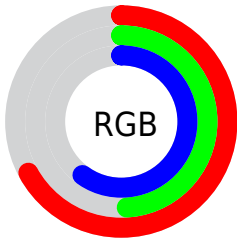
Format	Color
R _Y B	170, 124, 154
Decimal	11173018
CIE Lab	57.36, 22.78, -9.07
CIE LCh	57, 24.515, 338.288
Yxy	25.2944, 0.3335, 0.2848
Android (android.graphics.Color)	4289363098 (0xFFAA7C9A)
YUV	141.1740, 6.3232, 25.2804
Hunter-Lab	50.2935, 17.1114, -4.7592

Details

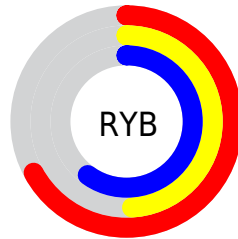
The Yxy color $25.2944, 0.3335, 0.2848$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $34.9293, 0.2966, 0.3778$, and the grayscale version is $26.6782, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1671, 0.3298, 0.2942$, and $9.7933, 0.3401, 0.2708$ is the 20% darker color. If you saturate the color by 10%, you get $21.2035, 0.3437, 0.2680$, and if you desaturate by 10%, it is $30.1319, 0.3247, 0.3016$.

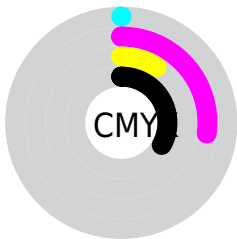
Distribution



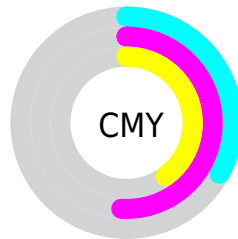
- Red (67%)
- Green (49%)
- Blue (60%)



- Red (67%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (9%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2944, 0.3335, 0.2848 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 25.2944, 0.3335, 0.2848 by changing the saturation by 10% instead.


 25.2944, 0.3335,
0.2848


 25.2944, 0.3335,
0.2848


279.3009, 0.3224,
0.3083

 16.2965, 0.3365,
0.2784


 52.1344, 0.3293,
0.2937

 9.7342, 0.3405,
0.2699


 70.7454, 0.3278,
0.2970

 5.2231, 0.3461,
0.2579


 93.3295, 0.3265,
0.2997

 2.3788, 0.3546,
0.2400

120.2711, 0.3255,
0.3019

 0.8149, 0.3687,
0.2099

151.9547, 0.3245,
0.3039

 0.0000, 0.4683,
0.0000

188.7646, 0.3237,

 0.0000, 0.0000,

0.3056

0.0000

231.0852, 0.3230,
0.3070

■ 25.2944, 0.3335,
0.2848

■ 25.2944, 0.3335,
0.2848

■ 21.2035, 0.3437,
0.2680

■ 30.1319, 0.3247,
0.3016

■ 17.8178, 0.3553,
0.2519

■ 35.7476, 0.3173,
0.3179

■ 15.0974, 0.3683,
0.2374


■ 42.1756, 0.3110,
0.3335


■ 12.9968, 0.3825,
0.2255


■ 49.4468, 0.3057,
0.3481

■ 11.4648, 0.3974,
0.2172


■ 57.5907, 0.3013,
0.3616

 10.4419, 0.4126,
0.2136

 66.6350, 0.2976,
0.3741

 9.8397, 0.4276,
0.2147

 76.6066, 0.2946,
0.3856

 9.6927, 0.4321,
0.2154

 84.2967, 0.2918,
0.3910

 84.5807, 0.2888,
0.3839

Harmonies

Analogous

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



25.2944, 0.2910, 0.2660



25.2944, 0.3335, 0.2848



25.2944, 0.3723, 0.3138

Triad

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



25.2944, 0.3335, 0.2848



25.2944, 0.3685, 0.4010



25.2944, 0.2373, 0.3014

Complementary

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



25.2944, 0.3335, 0.2848



34.9293, 0.2966, 0.3778

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.



25.2944, 0.2552, 0.3412



25.2944, 0.3335, 0.2848



25.2944, 0.3301, 0.4026

Square

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



25.2944, 0.3335, 0.2848



25.2944, 0.3927, 0.3795



25.2944, 0.2887, 0.3802



25.2944, 0.2380, 0.2732

Rectangle

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



25.2944, 0.3335, 0.2848



25.2944, 0.3896, 0.3362



25.2944, 0.2887, 0.3802



25.2944, 0.2413, 0.3139

Sweetspot

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



25.2955, 0.3335, 0.2848



63.6816, 0.3180, 0.3162



22.8356, 0.2824, 0.2562



13.8505, 0.3191, 0.3138



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.



25.2955, 0.3335, 0.2848



41.6329, 0.3389, 0.2755



24.6187, 0.3602, 0.3175



7.6217, 0.3188, 0.3144



7.1404, 0.4306, 0.2145



0.1828, 0.3863, 0.1902

Inverse Universe

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



25.2955, 0.3335, 0.2848



41.6329, 0.3389, 0.2755



35.6569, 0.2796, 0.3410



7.6217, 0.3188, 0.3144



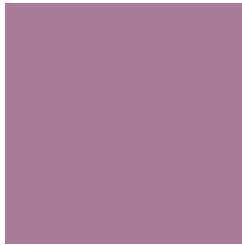
7.1404, 0.4306, 0.2145



0.1828, 0.3863, 0.1902

Previews

White Background



This preview shows how the Yxy color 25.2944, 0.3335, 0.2848 looks on a white background.

Color Contrast Check

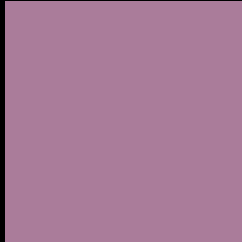
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2944, 0.3335, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

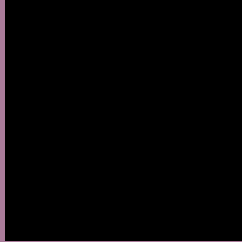
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2944, 0.3335, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 25.2944, 0.3335, 0.2848.



This preview shows how white text looks on a background with the Yxy color 25.2944, 0.3335, 0.2848.

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

25.2944, 0.3335, 0.2848

Protanopia

25.4865, 0.2844, 0.2883

Deuteranopia

25.3369, 0.3064, 0.3001



Tritanopia

25.3097, 0.3504, 0.3139

Trichromacy



Original Color

25.2944, 0.3335, 0.2848

Protanomaly

25.1167, 0.3005, 0.2863

Deuteranomaly

25.1352, 0.3155, 0.2931

Tritanomaly

25.3399, 0.3448, 0.3035

Monochromacy



Original Color

25.2944, 0.3335, 0.2848

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.0787, 0.3202, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2944, 0.3335, 0.2848 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, 124, 154)` looks like.

```
.text, #text, p{  
    color:rgb(170, 124, 154)  
}
```

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, 124, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 124, 154) }
```

Border

The CSS property to change the border of an element to Yxy 25.2944, 0.3335, 0.2848 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, 124, 154) }
```

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

```
.border{ border-color:rgb(170, 124, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 124, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 124, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 124, 154);  
box-shadow:4px 4px 4px 4px rgb(170, 124,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2944, 0.3335, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 124, 154) }
```

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

```
.background{ background-color: rgb(170,  
124, 154) }
```

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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