

Converting Colors

$Yxy(25.0119, 0.3348, 0.2848)$

Have a look what the booklet for
Yxy(25.0119, 0.3348, 0.2848)
contains.

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Color

Yxy(25.0119, 0.3348, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	AA7B99
RGB	170, 123, 153
RGB Percent	67%, 48%, 60%
CMY	0.3335, 0.5176, 0.4001
CMYK	0.00, 0.28, 0.10, 0.33
HSL	322°, 22%, 57%
HSV	322°, 28%, 67%
XYZ	29.4030, 25.0119, 33.4077
YIQ	140.4730, 18.3820, 19.2940

Conversions

Conversions Part 2

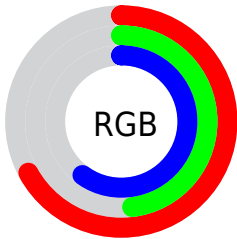
Format	Color
R_{YB}	170, 123, 153
Decimal	11172761
CIE _{Lab}	57.09, 23.13, -8.88
CIE _{LCh}	57, 24.776, 338.993
Yxy	25.0119, 0.3348, 0.2848
Android (android.graphics.Color)	4289362841 (0xFFAA7B99)
YUV	140.4730, 6.1758, 25.8952
Hunter-Lab	50.0119, 17.4230, -4.5972

Details

The Yxy color $25.0119, 0.3348, 0.2848$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $34.8416, 0.2958, 0.3778$, and the grayscale version is $26.3892, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7244, 0.3307, 0.2942$, and $9.6388, 0.3421, 0.2707$ is the 20% darker color. If you saturate the color by 10%, you get $20.9570, 0.3455, 0.2683$, and if you desaturate by 10%, it is $29.8116, 0.3256, 0.3013$.

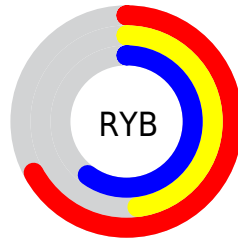
Distribution



Red (67%)

Green (48%)

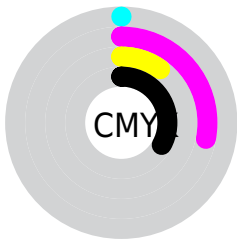
Blue (60%)



Red (67%)

Yellow (48%)

Blue (60%)

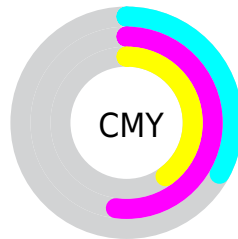


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (33%)



Cyan (33%)


Magenta (52%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0119, 0.3348, 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 25.0119, 0.3348, 0.2848 by changing the saturation by 10% instead.


 25.0119, 0.3348,
0.2848


 25.0119, 0.3348,
0.2848

277.8972, 0.3230,
0.3084


 16.0859, 0.3380,
0.2784


 51.6765, 0.3303,
0.2937

 9.5850, 0.3423,
0.2698


 70.1840, 0.3287,
0.2970

 5.1247, 0.3484,
0.2578


 92.6540, 0.3273,
0.2997

 2.3206, 0.3576,
0.2397

119.4711, 0.3262,
0.3020

 0.7846, 0.3732,
0.2088

151.0195, 0.3252,
0.3039

 0.0000, 0.4889,
0.0000

187.6838, 0.3244,

 0.0000, 0.0000,

0.3056

0.0000

229.8482, 0.3237,
0.3071

■ 25.0119, 0.3348,
0.2848

■ 25.0119, 0.3348,
0.2848

■ 20.9570, 0.3455,
0.2683

■ 29.8116, 0.3256,
0.3013

■ 17.6056, 0.3577,
0.2526

■ 35.3881, 0.3178,
0.3173

■ 14.9175, 0.3714,
0.2385

■ 41.7754, 0.3113,
0.3326

■ 12.8468, 0.3863,
0.2270

■ 49.0045, 0.3057,
0.3469

■ 11.3420, 0.4020,
0.2193

■ 57.1051, 0.3012,
0.3602

■ 10.3431, 0.4180,
0.2162

■ 66.1049, 0.2973,
0.3724

■ 9.7545, 0.4338,
0.2179

■ 76.0309, 0.2941,
0.3837

■ 9.6349, 0.4377,
0.2185

■ 84.3340, 0.2913,
0.3899

■ 84.6314, 0.2882,
0.3825

Harmonies

Analogous

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



25.0119, 0.2917, 0.2655



25.0119, 0.3348, 0.2848



25.0119, 0.3740, 0.3144

Triad

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



25.0119, 0.3348, 0.2848



25.0119, 0.3685, 0.4023



25.0119, 0.2361, 0.3002

Complementary

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



25.0119, 0.3348, 0.2848



34.8416, 0.2958, 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.



25.0119, 0.2538, 0.3404



25.0119, 0.3348, 0.2848



25.0119, 0.3294, 0.4035

Square

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



25.0119, 0.3348, 0.2848



25.0119, 0.3935, 0.3808



25.0119, 0.2874, 0.3801



25.0119, 0.2372, 0.2719

Rectangle

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



25.0119, 0.3348, 0.2848



25.0119, 0.3912, 0.3371



25.0119, 0.2874, 0.3801



25.0119, 0.2400, 0.3127

Sweetspot

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



25.0130, 0.3348, 0.2848



63.6686, 0.3182, 0.3165



22.6006, 0.2825, 0.2548



13.8471, 0.3193, 0.3141



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.



25.0130, 0.3348, 0.2848



40.8437, 0.3410, 0.2749



24.3271, 0.3624, 0.3184



7.6199, 0.3190, 0.3147



7.1020, 0.4361, 0.2176



0.1821, 0.3895, 0.1919

Inverse Universe

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



25.0130, 0.3348, 0.2848



40.8437, 0.3410, 0.2749



35.5896, 0.2784, 0.3400



7.6199, 0.3190, 0.3147



7.1020, 0.4361, 0.2176



0.1821, 0.3895, 0.1919

Previews

White Background



This preview shows how the Yxy color 25.0119, 0.3348, 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 25.0119, 0.3348, 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 25.0119, 0.3348, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 25.0119, 0.3348, 0.2848.



This preview shows how white text looks on a background with the Yxy color 25.0119, 0.3348, 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

25.0119, 0.3348, 0.2848

Protanopia

25.1225, 0.2833, 0.2865

Deuteranopia

25.2139, 0.3063, 0.3015



Tritanopia

25.0241, 0.3519, 0.3139

Trichromacy



Original Color

25.0119, 0.3348, 0.2848

Protanomaly

24.8468, 0.3005, 0.2846

Deuteranomaly

25.0046, 0.3155, 0.2945

Tritanomaly

25.0552, 0.3462, 0.3035

Monochromacy



Original Color

25.0119, 0.3348, 0.2848

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6738, 0.3203, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0119, 0.3348, 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, 123, 153)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 153) }
```

Border

The CSS property to change the border of an element to Yxy 25.0119, 0.3348, 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, 123, 153) }
```

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

```
.border{ border-color:rgb(170, 123, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 153);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0119, 0.3348, 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, 123, 153) }
```

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

```
.background{ background-color: rgb(170,  
123, 153) }
```

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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