

Converting Colors

$Y_{xy}(25.8811, 0.3003, 0.2421)$

Have a look what the booklet for
Yxy(25.8811, 0.3003, 0.2421)
contains.

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Color

Yxy(25.8148, 0.3004, 0.2425)

Conversions

Conversions Part 1

Format	Color
Hex	A97AB8
RGB	169, 122, 184
RGB Percent	66%, 48%, 72%
CMY	0.3372, 0.5216, 0.2783
CMYK	0.08, 0.34, 0.00, 0.28
HSL	285°, 30%, 60%
HSV	285°, 34%, 72%
XYZ	31.9784, 25.8148, 48.6596
YIQ	143.1210, 8.1100, 29.2460

Conversions

Conversions Part 2

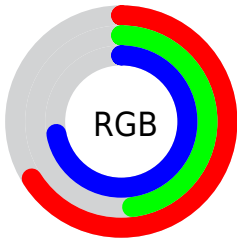
Format	Color
R _{YB}	169, 122, 184
Decimal	11107000
CIE _{Lab}	57.86, 29.39, -25.56
CIE _{LCh}	58, 38.953, 318.986
Y _{xy}	25.8148, 0.3004, 0.2425
Android (android.graphics.Color)	4289297080 (0xFFA97AB8)
YUV	143.1210, 20.1533, 22.6959
Hunter-Lab	50.8083, 23.4324, -21.2168

Details

The Yxy color $25.8148, 0.3004, 0.2425$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $41.0159, 0.3204, 0.4242$, and the grayscale version is $27.4357, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9588, 0.3038, 0.2590$, and $9.9864, 0.2942, 0.2158$ is the 20% darker color. If you saturate the color by 10%, you get $21.2328, 0.2954, 0.2163$, and if you desaturate by 10%, it is $31.2715, 0.3048, 0.2690$.

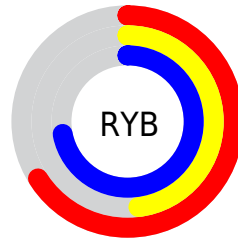
Distribution



Red (66%)

Green (48%)

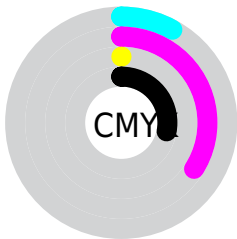
Blue (72%)



Red (66%)

Yellow (48%)

Blue (72%)

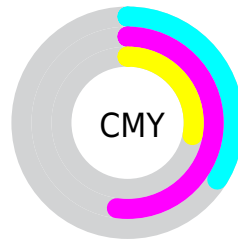


Cyan (8%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (34%)


Magenta (52%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8148, 0.3004, 0.2425 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 25.8148, 0.3004, 0.2425 by changing the saturation by 10% instead.


 25.8148, 0.3004,
0.2425


 25.8148, 0.3004,
0.2425


281.8718, 0.3081,
0.2869


 16.6851, 0.2979,
0.2312


 52.9760, 0.3036,
0.2588

 10.0103, 0.2943,
0.2166


 71.7764, 0.3047,
0.2649

 5.4058, 0.2889,
0.1971


 94.5691, 0.3056,
0.2700

 2.4872, 0.2801,
0.1699

121.7385, 0.3063,
0.2744

 0.8702, 0.2637,
0.1305

153.6691, 0.3068,
0.2781

 0.0000, 0.2302,
0.0000

190.7453, 0.3073,

 0.0000, 0.0000,

0.2814

0.0000

233.3514, 0.3078,
0.2843

■ 25.8148, 0.3004,
0.2425

■ 25.8148, 0.3004,
0.2425

■ 21.2328, 0.2954,
0.2163

■ 31.2715, 0.3048,
0.2690

■ 17.4735, 0.2897,
0.1915

■ 37.6443, 0.3086,
0.2951

■ 14.4846, 0.2836,
0.1691


■ 44.9761, 0.3117,
0.3201


■ 12.2063, 0.2772,
0.1502


■ 53.3058, 0.3143,
0.3436

■ 10.5698, 0.2707,
0.1356


■ 62.6705, 0.3163,
0.3654

 9.4923, 0.2643,
0.1255

 73.1052, 0.3180,
0.3853

 8.9942, 0.2604,
0.1208

 84.6431, 0.3192,
0.4035

 87.9096, 0.3216,
0.4069

 88.5504, 0.3245,
0.4062

Harmonies

Analogous

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



25.8148, 0.2428, 0.2272



25.8148, 0.3004, 0.2425



25.8148, 0.3683, 0.2757

Triad

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



25.8148, 0.3004, 0.2425



25.8148, 0.4259, 0.4181



25.8148, 0.2117, 0.3221

Complementary

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



25.8148, 0.3004, 0.2425



41.0159, 0.3204, 0.4242

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.



25.8148, 0.2533, 0.3912



25.8148, 0.3004, 0.2425



25.8148, 0.3769, 0.4480

Square

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



25.8148, 0.3004, 0.2425



25.8148, 0.4448, 0.3712



25.8148, 0.3136, 0.4412



25.8148, 0.1962, 0.2653

Rectangle

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



25.8148, 0.3004, 0.2425



25.8148, 0.4082, 0.3050



25.8148, 0.3136, 0.4412



25.8148, 0.2228, 0.3450

Sweetspot

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



25.8159, 0.3004, 0.2425



72.7225, 0.3097, 0.3041



25.6328, 0.2562, 0.2556



15.2896, 0.3093, 0.3006



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.



25.8159, 0.3004, 0.2425



40.8410, 0.2970, 0.2242



26.9573, 0.3334, 0.2655



9.0503, 0.3100, 0.3062



6.2307, 0.2611, 0.1212



0.2464, 0.2774, 0.1302

Inverse Universe

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



25.9169, 0.3712, 0.3078



41.1555, 0.3889, 0.3034



40.2500, 0.2971, 0.4024



9.0469, 0.3251, 0.3235



7.1607, 0.5924, 0.3037



0.2625, 0.5184, 0.2629

Previews

White Background



This preview shows how the Yxy color 25.8148, 0.3004, 0.2425 looks on a white background.

Color Contrast Check

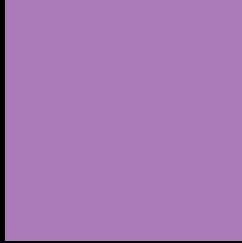
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8148, 0.3004, 0.2425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

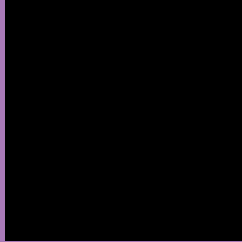
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8148, 0.3004, 0.2425

Background



This preview shows how black text looks on a background with the Yxy color 25.8148, 0.3004, 0.2425.



This preview shows how white text looks on a background with the Yxy color 25.8148, 0.3004, 0.2425.

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

25.8148, 0.3004, 0.2425

Protanopia

25.9418, 0.2468, 0.2390

Deuteranopia

25.9733, 0.2655, 0.2603



Tritanopia

25.9422, 0.3389, 0.3137

Trichromacy



Original Color

25.8148, 0.3004, 0.2425

Protanomaly

25.7116, 0.2632, 0.2396

Deuteranomaly

25.8092, 0.2771, 0.2536

Tritanomaly

25.8720, 0.3239, 0.2858

Monochromacy



Original Color

25.8148, 0.3004, 0.2425

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.4720, 0.3079, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8148, 0.3004, 0.2425 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(169, 122, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 122, 184)  
}
```

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(169, 122, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 122, 184) }
```

Border

The CSS property to change the border of an element to Yxy 25.8148, 0.3004, 0.2425 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(169, 122, 184) }
```

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

```
.border{ border-color:rgb(169, 122, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 122, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 122, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 122, 184);  
box-shadow:4px 4px 4px 4px rgb(169, 122,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8148, 0.3004, 0.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 122, 184) }
```

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

```
.background{ background-color: rgb(169,  
122, 184) }
```

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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