

Converting Colors

$Y_{xy}(25.8856, 0.3172, 0.2750)$

Have a look what the booklet for
Yxy(25.8856, 0.3172, 0.2750)
contains.

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Color

Yxy(25.8584, 0.3164, 0.2745)

Conversions

Conversions Part 1

Format	Color
Hex	A57FA4
RGB	165, 127, 164
RGB Percent	65%, 50%, 64%
CMY	0.3530, 0.5019, 0.3569
CMYK	0.00, 0.23, 0.01, 0.35
HSL	302°, 17%, 57%
HSV	302°, 23%, 65%
XYZ	29.8055, 25.8584, 38.5380
YIQ	142.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

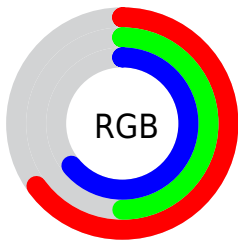
Format	Color
RYB	165, 127, 164
Decimal	10846116
CIELab	57.90, 21.15, -14.05
CIELCh	58, 25.394, 326.395
Yxy	25.8584, 0.3164, 0.2745
Android (android.graphics.Color)	4289036196 (0xFFA57FA4)
YUV	142.5800, 10.5601, 19.6623
Hunter-Lab	50.8512, 15.6349, -9.3376

Details

The Yxy color **25.8584, 0.3164, 0.2745** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.9794, 0.3089, 0.3903**, and the grayscale version is **27.2466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9726, 0.3156, 0.2852**, and **9.9883, 0.3178, 0.2562** is the 20% darker color. If you saturate the color by 10%, you get **21.9250, 0.3181, 0.2508**, and if you desaturate by 10%, it is **30.4921, 0.3147, 0.2985**.

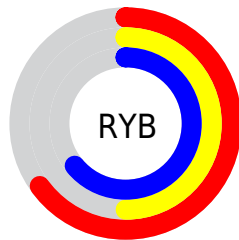
Distribution



Red (65%)

Green (50%)

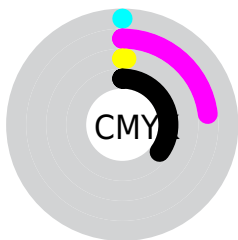
Blue (64%)



Red (65%)

Yellow (50%)

Blue (64%)

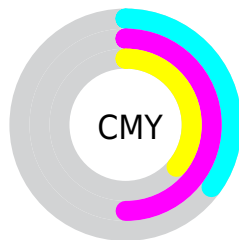


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (35%)



Cyan (35%)


Magenta (50%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8584, 0.3164, 0.2745 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 25.8584, 0.3164, 0.2745 by changing the saturation by 10% instead.


 25.8584, 0.3164,
0.2745


 25.8584, 0.3164,
0.2745


282.0863, 0.3149,
0.3032

 16.7177, 0.3166,
0.2668


 53.0464, 0.3159,
0.2853

 10.0335, 0.3169,
0.2567


 71.8626, 0.3157,
0.2892

 5.4211, 0.3169,
0.2427


 94.6727, 0.3155,
0.2925

 2.4964, 0.3166,
0.2220

121.8611, 0.3154,
0.2953

 0.8748, 0.3146,
0.1890

153.8123, 0.3152,
0.2977

 0.0000, 0.2883,
0.0000

190.9106, 0.3151,

 0.0000, 0.0000,

0.2998

0.0000

233.5405, 0.3150,
0.3016

■ 25.8584, 0.3164,
0.2745

■ 25.8584, 0.3164,
0.2745

■ 21.9250, 0.3181,
0.2508

■ 30.4921, 0.3147,
0.2985

■ 18.6544, 0.3199,
0.2283

■ 35.8542, 0.3132,
0.3220

■ 16.0112, 0.3216,
0.2077

■ 41.9757, 0.3117,
0.3447

■ 13.9549, 0.3232,
0.1901

■ 48.8844, 0.3104,
0.3661

■ 12.4404, 0.3246,
0.1760

■ 56.6071, 0.3092,
0.3860

■ 11.4164, 0.3259,
0.1661

■ 65.1690, 0.3081,
0.4044

■ 10.8212, 0.3269,
0.1603

■ 74.5946, 0.3072,
0.4212

■ 10.5593, 0.3276,
0.1578

■ 82.3262, 0.3064,
0.4328

■ 82.3424, 0.3062,
0.4322

Harmonies

Analogous

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



25.8584, 0.2750, 0.2606



25.8584, 0.3164, 0.2745



25.8584, 0.3595, 0.3006

Triad

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



25.8584, 0.3164, 0.2745



25.8584, 0.3822, 0.3961



25.8584, 0.2404, 0.3159

Complementary

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



25.8584, 0.3164, 0.2745



32.9794, 0.3089, 0.3903

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.



25.8584, 0.2657, 0.3585



25.8584, 0.3164, 0.2745



25.8584, 0.3472, 0.4071

Square

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



25.8584, 0.3164, 0.2745



25.8584, 0.3987, 0.3685



25.8584, 0.3045, 0.3937



25.8584, 0.2334, 0.2812

Rectangle

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



25.8584, 0.3164, 0.2745



25.8584, 0.3824, 0.3225



25.8584, 0.3045, 0.3937



25.8584, 0.2469, 0.3298

Sweetspot

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



25.8595, 0.3164, 0.2745



60.1130, 0.3138, 0.3124



22.4586, 0.2753, 0.2661



13.0261, 0.3139, 0.3112



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.8595, 0.3164, 0.2745



42.2962, 0.3173, 0.2614



25.2352, 0.3371, 0.3011



7.1989, 0.3141, 0.3074



7.9901, 0.3275, 0.1578



0.1688, 0.3249, 0.1564

Inverse Universe

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



25.8595, 0.3164, 0.2745



42.2962, 0.3173, 0.2614



33.5157, 0.2937, 0.3587



7.1989, 0.3141, 0.3074



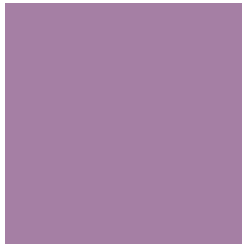
7.9901, 0.3275, 0.1578



0.1688, 0.3249, 0.1564

Previews

White Background



This preview shows how the Yxy color 25.8584, 0.3164, 0.2745 looks on a white background.

Color Contrast Check

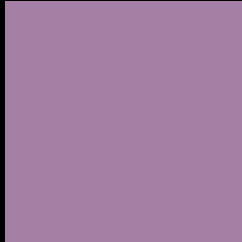
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8584, 0.3164, 0.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

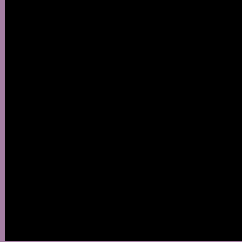
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8584, 0.3164, 0.2745

Background



This preview shows how black text looks on a background with the Yxy color 25.8584, 0.3164, 0.2745.



This preview shows how white text looks on a background with the Yxy color 25.8584, 0.3164, 0.2745.

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

25.8584, 0.3164, 0.2745

Protanopia

26.0228, 0.2756, 0.2764

Deuteranopia

25.9677, 0.2934, 0.2877



Tritanopia

25.8371, 0.3378, 0.3136

Trichromacy



Original Color

25.8584, 0.3164, 0.2745

Protanomaly

25.8066, 0.2898, 0.2760

Deuteranomaly

25.9034, 0.3008, 0.2826

Tritanomaly

25.9217, 0.3301, 0.3001

Monochromacy



Original Color

25.8584, 0.3164, 0.2745

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7050, 0.3137, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8584, 0.3164, 0.2745 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(165, 127, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 127, 164)  
}
```

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(165, 127, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 127, 164) }
```

Border

The CSS property to change the border of an element to Yxy 25.8584, 0.3164, 0.2745 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(165, 127, 164) }
```

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

```
.border{ border-color:rgb(165, 127, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 127, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 127, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 127, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 127,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8584, 0.3164, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 127, 164) }
```

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

```
.background{ background-color: rgb(165,  
127, 164) }
```

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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