

Converting Colors

$Y_{xy}(25.8331, 0.3234, 0.2939)$

Have a look what the booklet for
Yxy(25.8331, 0.3234, 0.2939)
contains.

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Color

Yxy(25.8422, 0.3234, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	A18299
RGB	161, 130, 153
RGB Percent	63%, 51%, 60%
CMY	0.3687, 0.4901, 0.4000
CMYK	0.00, 0.19, 0.05, 0.37
HSL	315°, 14%, 57%
HSV	315°, 19%, 63%
XYZ	28.4264, 25.8422, 33.6300
YIQ	141.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

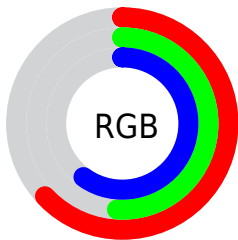
Format	Color
RYB	161, 130, 153
Decimal	10584729
CIELab	57.89, 15.89, -7.80
CIELCh	58, 17.706, 333.858
Yxy	25.8422, 0.3234, 0.2940
Android (android.graphics.Color)	4288774809 (0xFFFA18299)
YUV	141.8910, 5.4767, 16.7586
Hunter-Lab	50.8352, 10.8533, -3.6386

Details

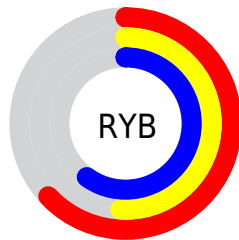
The Yxy color **25.8422, 0.3234, 0.2940** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0611, 0.3035, 0.3667**, and the grayscale version is **26.9794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9709, 0.3215, 0.3014**, and **9.9478, 0.3269, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **21.7557, 0.3303, 0.2751**, and if you desaturate by 10%, it is **30.6056, 0.3175, 0.3125**.

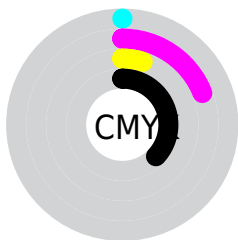
Distribution



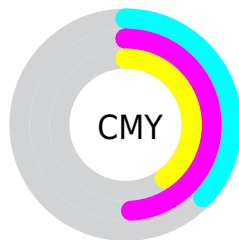
- Red (63%)
- Green (51%)
- Blue (60%)



- Red (63%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (37%)





- Cyan (37%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8422, 0.3234, 0.2940 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 25.8422, 0.3234, 0.2940 by changing the saturation by 10% instead.


 25.8422, 0.3234,
0.2940


 25.8422, 0.3234,
0.2940


282.0066, 0.3178,
0.3127


 16.7056, 0.3249,
0.2889


 53.0203, 0.3213,
0.3011

 10.0248, 0.3269,
0.2820


 71.8305, 0.3205,
0.3037

 5.4154, 0.3297,
0.2723


 94.6342, 0.3199,
0.3058

 2.4930, 0.3338,
0.2576

121.8156, 0.3193,
0.3077

 0.8731, 0.3405,
0.2329

153.7591, 0.3188,
0.3092

 0.0000, 0.3630,
0.0000

190.8492, 0.3184,

 0.0000, 0.0000,

0.3105

0.0000

233.4702, 0.3181,
0.3117

■ 25.8422, 0.3234,
0.2940

■ 25.8422, 0.3234,
0.2940

■ 21.7557, 0.3303,
0.2751

■ 30.6056, 0.3175,
0.3125

■ 18.3117, 0.3381,
0.2565

■ 36.0717, 0.3124,
0.3303

■ 15.4778, 0.3468,
0.2389

■ 42.2690, 0.3080,
0.3472

■ 13.2172, 0.3563,
0.2232

■ 49.2233, 0.3044,
0.3629

■ 11.4895, 0.3663,
0.2105

■ 56.9593, 0.3013,
0.3774

■ 10.2488, 0.3767,
0.2015

■ 65.5006, 0.2987,
0.3908

■ 9.4413, 0.3870,
0.1971

■ 74.8696, 0.2966,
0.4030

■ 8.9542, 0.3971,
0.1966

■ 82.6450, 0.2947,
0.4105

■ 8.9196, 0.3979,
0.1966

■ 82.8238, 0.2926,
0.4054

Harmonies

Analogous

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



25.8422, 0.2932, 0.2815



25.8422, 0.3234, 0.2940



25.8422, 0.3519, 0.3148

Triad

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



25.8422, 0.3234, 0.2940



25.8422, 0.3566, 0.3794



25.8422, 0.2588, 0.3138

Complementary

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



25.8422, 0.3234, 0.2940



32.0611, 0.3035, 0.3667

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.



25.8422, 0.2742, 0.3424



25.8422, 0.3234, 0.2940



25.8422, 0.3303, 0.3819

Square

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



25.8422, 0.3234, 0.2940



25.8422, 0.3714, 0.3634



25.8422, 0.3001, 0.3682



25.8422, 0.2571, 0.2914

Rectangle

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



25.8422, 0.3234, 0.2940



25.8422, 0.3654, 0.3313



25.8422, 0.3001, 0.3682



25.8422, 0.2625, 0.3230

Sweetspot

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



25.8433, 0.3234, 0.2940



57.7502, 0.3158, 0.3182



23.9235, 0.2897, 0.2789



12.5409, 0.3161, 0.3171



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.8433, 0.3234, 0.2940



43.0809, 0.3262, 0.2861



25.3710, 0.3405, 0.3170



7.1709, 0.3175, 0.3125



7.1335, 0.3971, 0.1961



0.1569, 0.3644, 0.1781

Inverse Universe

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



25.8433, 0.3234, 0.2940



43.0809, 0.3262, 0.2861



32.5343, 0.2908, 0.3414



7.1709, 0.3175, 0.3125



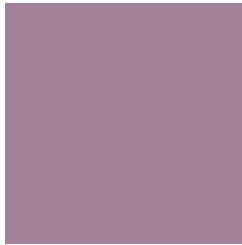
7.1335, 0.3971, 0.1961



0.1569, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 25.8422, 0.3234, 0.2940 looks on a white background.

Color Contrast Check

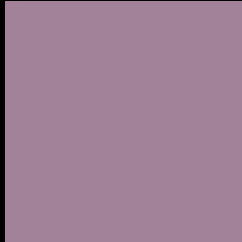
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8422, 0.3234, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

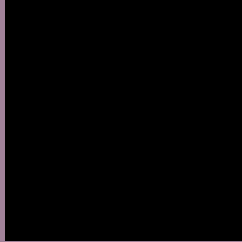
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8422, 0.3234, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 25.8422, 0.3234, 0.2940.



This preview shows how white text looks on a background with the Yxy color 25.8422, 0.3234, 0.2940.

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

25.8422, 0.3234, 0.2940

Protanopia

25.8798, 0.2911, 0.2965

Deuteranopia

25.7980, 0.3085, 0.3019



Tritanopia

25.8265, 0.3330, 0.3135

Trichromacy



Original Color

25.8422, 0.3234, 0.2940

Protanomaly

25.7480, 0.3023, 0.2955

Deuteranomaly

25.7175, 0.3141, 0.2992

Tritanomaly

25.7815, 0.3298, 0.3059

Monochromacy



Original Color

25.8422, 0.3234, 0.2940

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6418, 0.3166, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8422, 0.3234, 0.2940 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(161, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(161, 130, 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(161, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 130, 153) }
```

Border

The CSS property to change the border of an element to Yxy 25.8422, 0.3234, 0.2940 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(161, 130, 153) }
```

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

```
.border{ border-color:rgb(161, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(161, 130,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8422, 0.3234, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 130, 153) }
```

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

```
.background{ background-color: rgb(161,  
130, 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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