

Converting Colors

$Y_{xy}(25.1534, 0.2978, 0.2857)$

Have a look what the booklet for
Yxy(25.1534, 0.2978, 0.2857)
contains.

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Color

Yxy(25.2424, 0.2974, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	9085A0
RGB	144, 133, 160
RGB Percent	56%, 52%, 63%
CMY	0.4351, 0.4785, 0.3725
CMYK	0.10, 0.17, 0.00, 0.37
HSL	265°, 12%, 57%
HSV	265°, 17%, 63%
XYZ	26.2394, 25.2424, 36.7475
YIQ	139.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

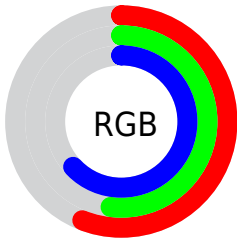
Format	Color
RYB	144, 133, 160
Decimal	9471392
CIELab	57.31, 9.57, -12.85
CIElCh	57, 16.023, 306.688
Yxy	25.2424, 0.2974, 0.2861
Android (android.graphics.Color)	4287661472 (0xFF9085A0)
YUV	139.3670, 10.1721, 4.0631
Hunter-Lab	50.2418, 5.3006, -8.1962

Details

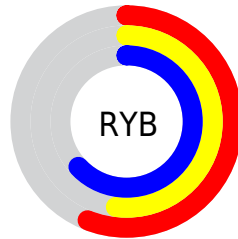
The Yxy color **25.2424, 0.2974, 0.2861** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.2205, 0.3262, 0.3713**, and the grayscale version is **25.9304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0299, 0.3006, 0.2945**, and **9.5964, 0.2913, 0.2710** is the 20% darker color. If you saturate the color by 10%, you get **20.3750, 0.2864, 0.2579**, and if you desaturate by 10%, it is **30.8506, 0.3069, 0.3123**.

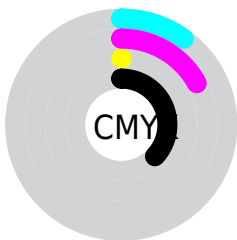
Distribution



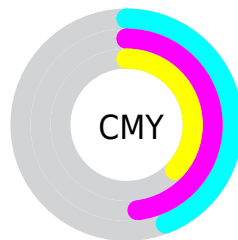
- Red (56%)
- Green (52%)
- Blue (63%)



- Red (56%)
- Yellow (52%)
- Blue (63%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)



- Cyan (44%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2424, 0.2974, 0.2861 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 25.2424, 0.2974, 0.2861 by changing the saturation by 10% instead.

■ 25.2424, 0.2974,
0.2861

■ 25.2424, 0.2974,
0.2861

279.0430, 0.3060,
0.3092

■ 16.2577, 0.2949,
0.2798

■ 52.0502, 0.3008,
0.2949

■ 9.7067, 0.2914,
0.2713

■ 70.6421, 0.3020,
0.2981

■ 5.2049, 0.2863,
0.2592

■ 93.2053, 0.3029,
0.3007

■ 2.3680, 0.2780,
0.2410

120.1240, 0.3038,
0.3029

■ 0.8094, 0.2630,
0.2100

151.7828, 0.3044,
0.3048

■ 0.0000, 0.0000,
0.0000

188.5659, 0.3050,

0.3065

230.8578, 0.3056,
0.3079

■ 25.2424, 0.2974,
0.2861

■ 25.2424, 0.2974,
0.2861

■ 20.3750, 0.2864,
0.2579

■ 30.8506, 0.3069,
0.3123

■ 16.2133, 0.2741,
0.2282

■ 37.2263, 0.3151,
0.3362

■ 12.7243, 0.2605,
0.1979

■ 44.3987, 0.3221,
0.3578

■ 9.8708, 0.2460,
0.1681

■ 52.3946, 0.3280,
0.3771

■ 7.6119, 0.2310,
0.1404

■ 61.2395, 0.3329,
0.3943

■ 5.9018, 0.2163,
0.1164

■ 70.9576, 0.3371,
0.4096

■ 4.6877, 0.2026,
0.0975

■ 81.5725, 0.3405,
0.4232

■ 3.8899, 0.1905,
0.0841

■ 89.2238, 0.3448,
0.4301

■ 3.6775, 0.1870,
0.0804

■ 90.7382, 0.3512,
0.4279

Harmonies

Analogous

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



25.2424, 0.2747, 0.2840



25.2424, 0.2974, 0.2861



25.2424, 0.3252, 0.2985

Triad

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



25.2424, 0.2974, 0.2861



25.2424, 0.3655, 0.3623



25.2424, 0.2758, 0.3388

Complementary

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



25.2424, 0.2974, 0.2861



33.2205, 0.3262, 0.3713

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.



25.2424, 0.2988, 0.3627



25.2424, 0.2974, 0.2861



25.2424, 0.3509, 0.3758

Square

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



25.2424, 0.2974, 0.2861



25.2424, 0.3655, 0.3412



25.2424, 0.3263, 0.3765



25.2424, 0.2627, 0.3130

Rectangle

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



25.2424, 0.2974, 0.2861



25.2424, 0.3428, 0.3110



25.2424, 0.3263, 0.3765



25.2424, 0.2826, 0.3474

Sweetspot

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



25.2435, 0.2974, 0.2861



57.9776, 0.3085, 0.3167



29.0813, 0.2871, 0.3116



12.5556, 0.3079, 0.3151



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.



25.2435, 0.2974, 0.2861



42.5868, 0.2937, 0.2764



26.5089, 0.3117, 0.2879



6.5611, 0.3048, 0.3063



2.8892, 0.1879, 0.0809



0.0757, 0.2343, 0.1064

Inverse Universe

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



26.4146, 0.3263, 0.3045



45.1155, 0.3297, 0.2992



32.0439, 0.3132, 0.3730



6.7086, 0.3197, 0.3159



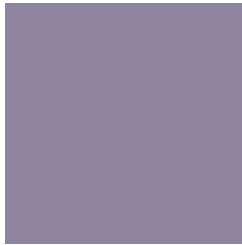
6.4679, 0.4543, 0.2277



0.1239, 0.3895, 0.1919

Previews

White Background



This preview shows how the Yxy color 25.2424, 0.2974, 0.2861 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 25.2424, 0.2974, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

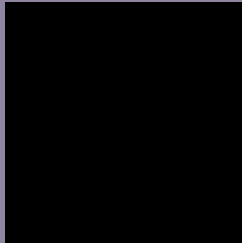
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2424, 0.2974, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 25.2424, 0.2974, 0.2861.



This preview shows how white text looks on a background with the Yxy color 25.2424, 0.2974, 0.2861.

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

25.2424, 0.2974, 0.2861

Protanopia

25.1225, 0.2833, 0.2865

Deuteranopia

25.1637, 0.2932, 0.2872



Tritanopia

25.1541, 0.3091, 0.3110

Trichromacy



Original Color

25.2424, 0.2974, 0.2861

Protanomaly

25.1354, 0.2882, 0.2869

Deuteranomaly

25.2510, 0.2942, 0.2874

Tritanomaly

25.1242, 0.3052, 0.3014

Monochromacy



Original Color

25.2424, 0.2974, 0.2861

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6606, 0.3070, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2424, 0.2974, 0.2861 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(144, 133, 160)` looks like.

```
.text, #text, p{  
    color:rgb(144, 133, 160)  
}
```

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(144, 133, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 133, 160) }
```

Border

The CSS property to change the border of an element to Yxy 25.2424, 0.2974, 0.2861 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(144, 133, 160) }
```

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

```
.border{ border-color:rgb(144, 133, 160) }
```

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

Here you see how a box with a 4 pixel rgb(144, 133, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 133, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 133, 160);  
box-shadow:4px 4px 4px 4px rgb(144, 133,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2424, 0.2974, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 133, 160) }
```

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

```
.background{ background-color: rgb(144,  
133, 160) }
```

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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