

Converting Colors

$Y_{xy}(24.9974, 0.2825, 0.2574)$

Have a look what the booklet for
Yxy(24.9974, 0.2825, 0.2574)
contains.

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Color

Yxy(25.1196, 0.2832, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	9182B0
RGB	145, 130, 176
RGB Percent	57%, 51%, 69%
CMY	0.4313, 0.4902, 0.3097
CMYK	0.18, 0.26, 0.00, 0.31
HSL	260°, 23%, 60%
HSV	260°, 26%, 69%
XYZ	27.4985, 25.1196, 44.4812
YIQ	139.7290, -5.8260, 17.4860

Conversions

Conversions Part 2

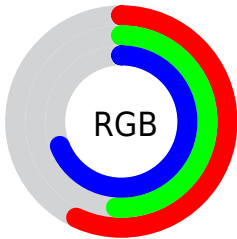
Format	Color
RYB	145, 130, 176
Decimal	9536176
CIELab	57.19, 15.21, -22.21
CIELCh	57, 26.919, 304.412
Yxy	25.1196, 0.2832, 0.2587
Android (android.graphics.Color)	4287726256 (0xFF9182B0)
YUV	139.7290, 17.8816, 4.6227
Hunter-Lab	50.1195, 10.2267, -17.5365

Details

The Yxy color **25.1196, 0.2832, 0.2587** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.2457, 0.3372, 0.3962**, and the grayscale version is **26.0471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8353, 0.2892, 0.2723**, and **9.6946, 0.2725, 0.2373** is the 20% darker color. If you saturate the color by 10%, you get **19.8101, 0.2691, 0.2281**, and if you desaturate by 10%, it is **31.3446, 0.2958, 0.2875**.

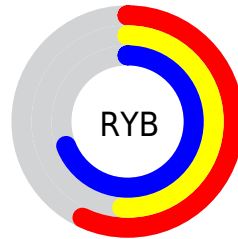
Distribution



Red (57%)

Green (51%)

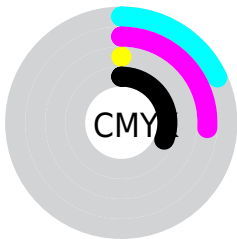
Blue (69%)



Red (57%)

Yellow (51%)

Blue (69%)

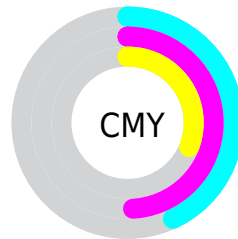


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (43%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1196, 0.2832, 0.2587 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 25.1196, 0.2832, 0.2587 by changing the saturation by 10% instead.

■ 25.1196, 0.2832,
0.2587

■ 25.1196, 0.2832,
0.2587

■ 278.4330, 0.2998,
0.2958

■ 16.1662, 0.2784,
0.2489

■ 51.8512, 0.2897,
0.2726

■ 9.6418, 0.2719,
0.2359

■ 70.3981, 0.2920,
0.2777

■ 5.1621, 0.2624,
0.2181

■ 92.9117, 0.2939,
0.2820

■ 2.3427, 0.2476,
0.1923

■ 119.7764, 0.2954,
0.2856

■ 0.7962, 0.2220,
0.1522

■ 151.3764, 0.2968,
0.2887

■ 0.0000, 0.0578,
0.0000

■ 188.0963, 0.2979,

■ 0.0000, 0.0000,

0.2913

0.0000

230.3203, 0.2989,
0.2937

■ 25.1196, 0.2832,
0.2587

■ 25.1196, 0.2832,
0.2587

■ 19.8101, 0.2691,
0.2281

■ 31.3446, 0.2958,
0.2875

■ 15.3688, 0.2537,
0.1965

■ 38.5231, 0.3067,
0.3140

■ 11.7488, 0.2373,
0.1653

■ 46.6948, 0.3162,
0.3379

■ 8.8974, 0.2207,
0.1361

■ 55.8961, 0.3243,
0.3594

■ 6.7554, 0.2047,
0.1108

■ 66.1616, 0.3311,
0.3784

■ 5.2548, 0.1902,
0.0910

■ 77.5243, 0.3369,
0.3952

■ 4.3066, 0.1780,
0.0775

■ 90.0156, 0.3418,
0.4100

■ 4.0176, 0.1739,
0.0732

■ 93.1601, 0.3494,
0.4094

■ 95.3027, 0.3574,
0.4072

Harmonies

Analogous

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



25.1196, 0.2478, 0.2557



25.1196, 0.2832, 0.2587



25.1196, 0.3293, 0.2773

Triad

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



25.1196, 0.2832, 0.2587



25.1196, 0.4024, 0.3798



25.1196, 0.2535, 0.3483

Complementary

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



25.1196, 0.2832, 0.2587



40.2457, 0.3372, 0.3962

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.



25.1196, 0.2917, 0.3903



25.1196, 0.2832, 0.2587



25.1196, 0.3783, 0.4060

Square

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



25.1196, 0.2832, 0.2587



25.1196, 0.4011, 0.3441



25.1196, 0.3374, 0.4117



25.1196, 0.2317, 0.3034

Rectangle

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



25.1196, 0.2832, 0.2587



25.1196, 0.3600, 0.2966



25.1196, 0.3374, 0.4117



25.1196, 0.2648, 0.3635

Sweetspot

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



25.1206, 0.2832, 0.2587



67.1149, 0.3047, 0.3089



33.5258, 0.2731, 0.3065



14.1143, 0.3031, 0.3051



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.1206, 0.2832, 0.2587



40.1524, 0.2758, 0.2424



27.3786, 0.3067, 0.2634



8.3603, 0.3034, 0.3058



2.9759, 0.1749, 0.0737



0.1260, 0.2083, 0.0921

Inverse Universe

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



27.7699, 0.3316, 0.2849



45.7857, 0.3366, 0.2755



38.1088, 0.3166, 0.4007



8.5986, 0.3186, 0.3138



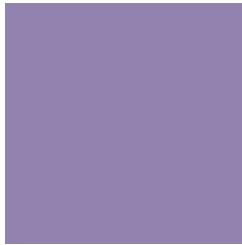
7.7533, 0.4228, 0.2103



0.2541, 0.3880, 0.1911

Previews

White Background



This preview shows how the Yxy color 25.1196, 0.2832, 0.2587 looks on a white background.

Color Contrast Check

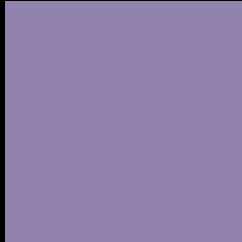
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1196, 0.2832, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

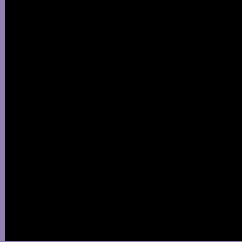
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1196, 0.2832, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 25.1196, 0.2832, 0.2587.



This preview shows how white text looks on a background with the Yxy color 25.1196, 0.2832, 0.2587.

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

25.1196, 0.2832, 0.2587

Protanopia

25.2636, 0.2616, 0.2592

Deuteranopia

25.2484, 0.2709, 0.2655



Tritanopia

25.2591, 0.3069, 0.3125

Trichromacy



Original Color

25.1196, 0.2832, 0.2587

Protanomaly

25.2104, 0.2684, 0.2585

Deuteranomaly

25.1044, 0.2755, 0.2631

Tritanomaly

25.2353, 0.2982, 0.2920

Monochromacy



Original Color

25.1196, 0.2832, 0.2587

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6590, 0.3021, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1196, 0.2832, 0.2587 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(145, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(145, 130, 176)  
}
```

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(145, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 130, 176) }
```

Border

The CSS property to change the border of an element to Yxy 25.1196, 0.2832, 0.2587 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(145, 130, 176) }
```

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

```
.border{ border-color:rgb(145, 130, 176) }
```

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

Here you see how a box with a 4 pixel rgb(145, 130, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(145, 130,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1196, 0.2832, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 130, 176) }
```

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

```
.background{ background-color: rgb(145,  
130, 176) }
```

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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