

Converting Colors

$Y_{xy}(25.4116, 0.2874, 0.2826)$

Have a look what the booklet for
Yxy(25.4116, 0.2874, 0.2826)
contains.

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Color

Yxy(25.4116, 0.2874, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	8A87A4
RGB	138, 135, 164
RGB Percent	54%, 53%, 64%
CMY	0.4589, 0.4705, 0.3569
CMYK	0.16, 0.18, 0.00, 0.36
HSL	246°, 14%, 59%
HSV	246°, 18%, 64%
XYZ	25.8432, 25.4116, 38.6659
YIQ	139.2030, -7.5210, 9.6550

Conversions

Conversions Part 2

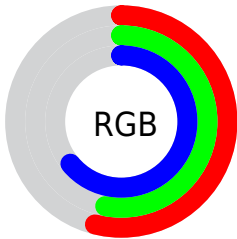
Format	Color
R _Y B	138, 135, 164
Decimal	9078692
CIE Lab	57.47, 7.22, -14.95
CIE LCh	57, 16.602, 295.784
Yxy	25.4116, 0.2874, 0.2826
Android (android.graphics.Color)	4287268772 (0xFF8A87A4)
YUV	139.2030, 12.2249, -1.0550
Hunter-Lab	50.4099, 3.2927, -10.1903

Details

The Yxy color $25.4116, 0.2874, 0.2826$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $35.8825, 0.3357, 0.3723$, and the grayscale version is $25.8546, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2874, 0.2931, 0.2919$, and $9.7416, 0.2785, 0.2661$ is the 20% darker color. If you saturate the color by 10%, you get $20.0113, 0.2705, 0.2523$, and if you desaturate by 10%, it is $31.6892, 0.3024, 0.3100$.

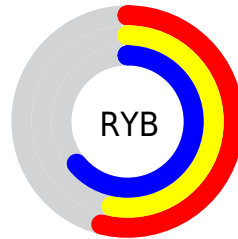
Distribution



Red (54%)

Green (53%)

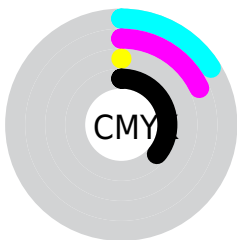
Blue (64%)



Red (54%)

Yellow (53%)

Blue (64%)

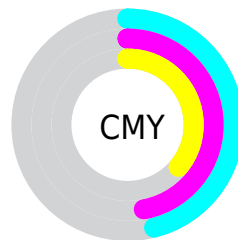


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (46%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4116, 0.2874, 0.2826 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 25.4116, 0.2874, 0.2826 by changing the saturation by 10% instead.

■ 25.4116, 0.2874,
0.2826

■ 25.4116, 0.2874,
0.2826

■ 279.8816, 0.3014,
0.3076

■ 16.3840, 0.2834,
0.2757

■ 52.3242, 0.2928,
0.2921

■ 9.7963, 0.2779,
0.2666

■ 70.9779, 0.2948,
0.2956

■ 5.2641, 0.2700,
0.2536

■ 93.6092, 0.2964,
0.2984

■ 2.4030, 0.2575,
0.2340

■ 120.6023, 0.2977,
0.3008

■ 0.8274, 0.2355,
0.2012

■ 152.3417, 0.2988,
0.3029

■ 0.0000, 0.0000,
0.0000

189.2118, 0.2998,

0.3046

231.5969, 0.3007,
0.3062

■ 25.4116, 0.2874,
0.2826

■ 25.4116, 0.2874,
0.2826

■ 20.0113, 0.2705,
0.2523

■ 31.6892, 0.3024,
0.3100

■ 15.4461, 0.2520,
0.2196

■ 38.8775, 0.3156,
0.3344

■ 11.6753, 0.2323,
0.1856

■ 47.0120, 0.3270,
0.3558

■ 8.6533, 0.2124,
0.1521

■ 56.1252, 0.3368,
0.3744

■ 6.3298, 0.1935,
0.1211

■ 66.2483, 0.3452,
0.3906

■ 4.6484, 0.1770,
0.0951

■ 77.4111, 0.3523,
0.4046

■ 3.5441, 0.1641,
0.0761

■ 89.6419, 0.3585,
0.4167

■ 2.9139, 0.1554,
0.0644

■ 95.4605, 0.3666,
0.4181

■ 2.7976, 0.1539,
0.0621

Harmonies

Analogous

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



25.4116, 0.2674, 0.2846



25.4116, 0.2874, 0.2826



25.4116, 0.3150, 0.2918

Triad

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



25.4116, 0.2874, 0.2826



25.4116, 0.3692, 0.3560



25.4116, 0.2822, 0.3488

Complementary

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



25.4116, 0.2874, 0.2826



35.8825, 0.3357, 0.3723

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.



25.4116, 0.3085, 0.3707



25.4116, 0.2874, 0.2826



25.4116, 0.3592, 0.3736

Square

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



25.4116, 0.2874, 0.2826



25.4116, 0.3633, 0.3328



25.4116, 0.3367, 0.3797



25.4116, 0.2645, 0.3218

Rectangle

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



25.4116, 0.2874, 0.2826



25.4116, 0.3342, 0.3030



25.4116, 0.3367, 0.3797



25.4116, 0.2903, 0.3572

Sweetspot

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



25.4127, 0.2874, 0.2826



60.7293, 0.3060, 0.3166



33.3583, 0.2865, 0.3244



13.0937, 0.3051, 0.3149



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.



25.4127, 0.2874, 0.2826



42.3005, 0.2813, 0.2717



26.7260, 0.3023, 0.2846



6.8930, 0.3002, 0.3059



2.1556, 0.1543, 0.0624



0.0550, 0.1732, 0.0728

Inverse Universe

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



27.7982, 0.3178, 0.2904



47.4165, 0.3190, 0.2821



34.4685, 0.3215, 0.3743



7.1896, 0.3152, 0.3091



7.6762, 0.3479, 0.1690



0.1646, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 25.4116, 0.2874, 0.2826 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 25.4116, 0.2874, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

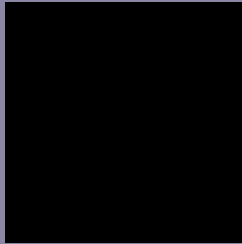
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4116, 0.2874, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 25.4116, 0.2874, 0.2826.



This preview shows how white text looks on a background with the Yxy color 25.4116, 0.2874, 0.2826.

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

25.4116, 0.2874, 0.2826

Protanopia

25.5135, 0.2807, 0.2836

Deuteranopia

25.4972, 0.2884, 0.2827



Tritanopia

25.4978, 0.2986, 0.3107

Trichromacy



Original Color

25.4116, 0.2874, 0.2826

Protanomaly

25.3933, 0.2826, 0.2822

Deuteranomaly

25.4972, 0.2884, 0.2827

Tritanomaly

25.4587, 0.2948, 0.3011

Monochromacy



Original Color

25.4116, 0.2874, 0.2826

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8040, 0.3038, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4116, 0.2874, 0.2826 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(138, 135, 164)` looks like.

```
.text, #text, p{  
    color:rgb(138, 135, 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(138, 135, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 135, 164) }
```

Border

The CSS property to change the border of an element to Yxy 25.4116, 0.2874, 0.2826 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(138, 135, 164) }
```

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

```
.border{ border-color:rgb(138, 135, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 135, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 135, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 135, 164);  
box-shadow:4px 4px 4px 4px rgb(138, 135,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4116, 0.2874, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 135, 164) }
```

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

```
.background{ background-color: rgb(138,  
135, 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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