

Converting Colors

$Y_{xy}(24.4115, 0.2584, 0.2234)$

Have a look what the booklet for
Yxy(24.4115, 0.2584, 0.2234)
contains.

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Color

Yxy(24.4879, 0.2586, 0.2237)

Conversions

Conversions Part 1

Format	Color
Hex	8B7EC6
RGB	139, 126, 198
RGB Percent	55%, 49%, 78%
CMY	0.4547, 0.5059, 0.2235
CMYK	0.30, 0.36, 0.00, 0.22
HSL	251°, 39%, 64%
HSV	251°, 36%, 78%
XYZ	28.3083, 24.4879, 56.6714
YIQ	138.0950, -15.3640, 25.1480

Conversions

Conversions Part 2

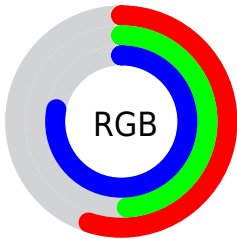
Format	Color
RYB	139, 126, 198
Decimal	9141958
CIELab	56.57, 21.09, -35.75
CIElCh	57, 41.512, 300.541
Yxy	24.4879, 0.2586, 0.2237
Android (android.graphics.Color)	4287332038 (0xFF8B7EC6)
YUV	138.0950, 29.5332, 0.7937
Hunter-Lab	49.4853, 15.5128, -33.2603

Details

The Yxy color **24.4879, 0.2586, 0.2237** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.2116, 0.3555, 0.4222**, and the grayscale version is **25.3458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9295, 0.2702, 0.2439**, and **9.3476, 0.2393, 0.1926** is the 20% darker color. If you saturate the color by 10%, you get **18.6227, 0.2401, 0.1902**, and if you desaturate by 10%, it is **31.5642, 0.2758, 0.2560**.

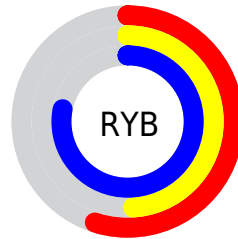
Distribution



Red (55%)

Green (49%)

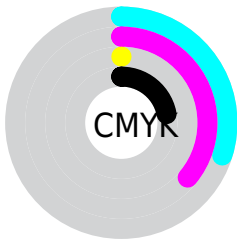
Blue (78%)



Red (55%)

Yellow (49%)

Blue (78%)

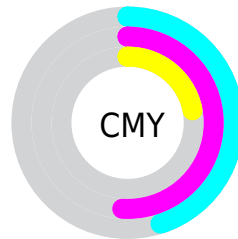


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4879, 0.2586, 0.2237 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 24.4879, 0.2586, 0.2237 by changing the saturation by 10% instead.

■ 24.4879, 0.2586,
0.2237

■ 24.4879, 0.2586,
0.2237

■ 275.2779, 0.2886,
0.2778

■ 15.6959, 0.2502,
0.2100

■ 50.8252, 0.2702,
0.2435

■ 9.3093, 0.2390,
0.1925

■ 69.1394, 0.2743,
0.2510

■ 4.9434, 0.2234,
0.1695

■ 91.3964, 0.2777,
0.2572

■ 2.2141, 0.2004,
0.1385

■ 117.9806, 0.2806,
0.2625

■ 0.7277, 0.1648,
0.0950

■ 149.2765, 0.2831,
0.2671

■ 0.0000, 0.0565,
0.0000

■ 185.6684, 0.2852,

■ 0.0000, 0.0000,

0.2711

0.0000

227.5408, 0.2870,
0.2747

■ 24.4879, 0.2586,
0.2237

■ 24.4879, 0.2586,
0.2237

■ 18.6227, 0.2401,
0.1902

■ 31.5642, 0.2758,
0.2560

■ 13.8972, 0.2210,
0.1569

■ 39.9119, 0.2913,
0.2860

■ 10.2369, 0.2023,
0.1260

■ 49.5904, 0.3050,
0.3132

■ 7.5572, 0.1854,
0.0998

■ 60.6549, 0.3168,
0.3375

■ 5.7600, 0.1713,
0.0800

■ 73.1571, 0.3270,
0.3588

■ 4.7213, 0.1610,
0.0677

■ 87.1463, 0.3357,
0.3776

■ 4.4514, 0.1580,
0.0644

■ 96.3919, 0.3449,
0.3853

■ 96.8581, 0.3466,
0.3850

Harmonies

Analogous

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



24.4879, 0.2108, 0.2210



24.4879, 0.2586, 0.2237



24.4879, 0.3272, 0.2480

Triad

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



24.4879, 0.2586, 0.2237



24.4879, 0.4523, 0.3936



24.4879, 0.2280, 0.3678

Complementary

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



24.4879, 0.2586, 0.2237



52.2116, 0.3555, 0.4222

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.



24.4879, 0.2864, 0.4356



24.4879, 0.2586, 0.2237



24.4879, 0.4168, 0.4402

Square

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



24.4879, 0.2586, 0.2237



24.4879, 0.4472, 0.3400



24.4879, 0.3556, 0.4613



24.4879, 0.1944, 0.2943

Rectangle

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



24.4879, 0.2586, 0.2237



24.4879, 0.3765, 0.2739



24.4879, 0.3556, 0.4613



24.4879, 0.2452, 0.3930

Sweetspot

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



24.4888, 0.2586, 0.2237



79.2926, 0.2986, 0.3005



43.6357, 0.2598, 0.3118



16.4706, 0.2967, 0.2968



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



24.4888, 0.2586, 0.2237



34.6066, 0.2433, 0.1960



27.9954, 0.2924, 0.2331



10.3784, 0.3010, 0.3053



2.9214, 0.1589, 0.0649



0.1673, 0.1780, 0.0754

Inverse Universe

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



30.4271, 0.3303, 0.2544



46.8232, 0.3354, 0.2380



48.3862, 0.3260, 0.4317



10.7823, 0.3165, 0.3103



9.5180, 0.3723, 0.1825



0.4595, 0.3598, 0.1756

Previews

White Background



This preview shows how the Yxy color 24.4879, 0.2586, 0.2237 looks on a white background.

Color Contrast Check

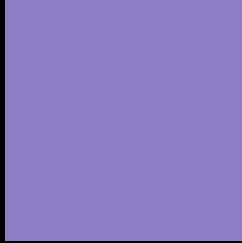
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4879, 0.2586, 0.2237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

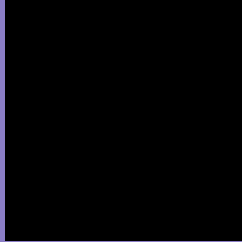
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4879, 0.2586, 0.2237

Background



This preview shows how black text looks on a background with the Yxy color 24.4879, 0.2586, 0.2237.



This preview shows how white text looks on a background with the Yxy color 24.4879, 0.2586, 0.2237.

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

24.4879, 0.2586, 0.2237

Protanopia

24.5142, 0.2331, 0.2211

Deuteranopia

24.6930, 0.2386, 0.2340



Tritanopia

24.3820, 0.2942, 0.3102

Trichromacy



Original Color

24.4879, 0.2586, 0.2237

Protanomaly

24.2945, 0.2412, 0.2209

Deuteranomaly

24.5987, 0.2450, 0.2299

Tritanomaly

24.2422, 0.2803, 0.2739

Monochromacy



Original Color

24.4879, 0.2586, 0.2237

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9915, 0.2911, 0.2870

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4879, 0.2586, 0.2237 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(139, 126, 198)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 198)  
}
```

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(139, 126, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 198) }
```

Border

The CSS property to change the border of an element to Yxy 24.4879, 0.2586, 0.2237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

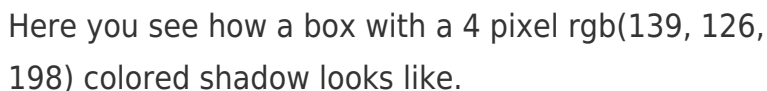
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 126, 198) }
```

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

```
.border{ border-color:rgb(139, 126, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 126, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 126, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 126, 198); box-shadow:4px 4px 4px 4px rgb(139, 126, 198) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 24.4879, 0.2586, 0.2237$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 198) }
```

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

```
.background{ background-color: rgb(139,  
126, 198) }
```

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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