

Converting Colors

$Y_{xy}(24.4304, 0.2643, 0.2627)$

Have a look what the booklet for
Yxy(24.4304, 0.2643, 0.2627)
contains.

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Color

Yxy(24.4304, 0.2643, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	7C86AF
RGB	124, 134, 175
RGB Percent	49%, 53%, 69%
CMY	0.5136, 0.4745, 0.3136
CMYK	0.29, 0.23, 0.00, 0.31
HSL	228°, 24%, 59%
HSV	228°, 29%, 69%
XYZ	24.5792, 24.4304, 43.9877
YIQ	135.6840, -19.1210, 10.6310

Conversions

Conversions Part 2

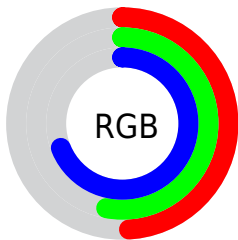
Format	Color
R_{YB}	124, 132, 175
Decimal	8160943
CIE Lab	56.52, 5.98, -22.82
CIE LCh	57, 23.593, 284.688
Yxy	24.4304, 0.2643, 0.2627
Android (android.graphics.Color)	4286351023 (0xFF7C86AF)
YUV	135.6840, 19.3828, -10.2469
Hunter-Lab	49.4271, 2.2673, -18.1662

Details

The Yxy color $24.4304, 0.2643, 0.2627$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $37.5016, 0.3595, 0.3875$, and the grayscale version is $24.4300, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7751, 0.2747, 0.2759$, and $9.3186, 0.2467, 0.2418$ is the 20% darker color. If you saturate the color by 10%, you get $19.6042, 0.2454, 0.2353$, and if you desaturate by 10%, it is $30.0083, 0.2822, 0.2879$.

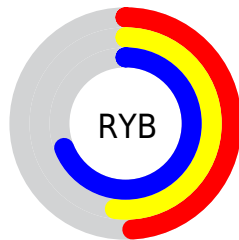
Distribution



Red (49%)

Green (53%)

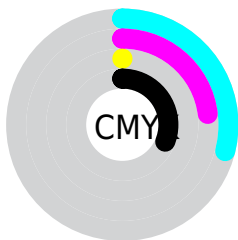
Blue (69%)



Red (49%)

Yellow (52%)

Blue (69%)

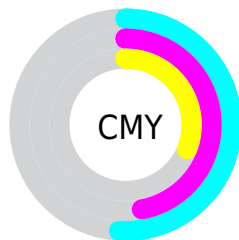


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4304, 0.2643, 0.2627 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 24.4304, 0.2643, 0.2627 by changing the saturation by 10% instead.

■ 24.4304, 0.2643,
0.2627

■ 24.4304, 0.2643,
0.2627

■ 274.9893, 0.2909,
0.2983

■ 15.6532, 0.2569,
0.2530

■ 50.7316, 0.2745,
0.2762

■ 9.2791, 0.2468,
0.2401

■ 69.0245, 0.2782,
0.2811

■ 4.9237, 0.2325,
0.2221

■ 91.2580, 0.2812,
0.2852

■ 2.2025, 0.2108,
0.1957

■ 117.8165, 0.2838,
0.2887

■ 0.7214, 0.1754,
0.1522

■ 149.0846, 0.2859,
0.2916

■ 0.0000, 0.0000,
0.0000

185.4464, 0.2878,

0.2941

227.2865, 0.2894,
0.2964

■ 24.4304, 0.2643,
0.2627

■ 24.4304, 0.2643,
0.2627

■ 19.6042, 0.2454,
0.2353

■ 30.0083, 0.2822,
0.2879

■ 15.4942, 0.2262,
0.2062

■ 36.3654, 0.2988,
0.3105

■ 12.0664, 0.2073,
0.1764

■ 43.5317, 0.3140,
0.3306

■ 9.2826, 0.1900,
0.1474

■ 51.5344, 0.3276,
0.3483

■ 7.1009, 0.1751,
0.1208

■ 60.3996, 0.3398,
0.3636

■ 5.4739, 0.1638,
0.0982

■ 70.1521, 0.3507,
0.3770

■ 4.3330, 0.1560,
0.0807

■ 80.8159, 0.3604,
0.3886

■ 4.2521, 0.1554,
0.0794

■ 90.6585, 0.3626,
0.4002

■ 95.8760, 0.3603,
0.4076

Harmonies

Analogous

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



24.4304, 0.2423, 0.2708



24.4304, 0.2643, 0.2627



24.4304, 0.3001, 0.2704

Triad

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



24.4304, 0.2643, 0.2627



24.4304, 0.3940, 0.3543



24.4304, 0.2815, 0.3715

Complementary

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



24.4304, 0.2643, 0.2627



37.5016, 0.3595, 0.3875

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.



24.4304, 0.3210, 0.3978



24.4304, 0.2643, 0.2627



24.4304, 0.3872, 0.3840

Square

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



24.4304, 0.2643, 0.2627



24.4304, 0.3771, 0.3211



24.4304, 0.3600, 0.4013



24.4304, 0.2515, 0.3322

Rectangle

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



24.4304, 0.2643, 0.2627



24.4304, 0.3280, 0.2831



24.4304, 0.3600, 0.4013



24.4304, 0.2940, 0.3824

Sweetspot

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



24.4314, 0.2643, 0.2627



65.0892, 0.2988, 0.3105



37.6651, 0.2784, 0.3447



14.0851, 0.2965, 0.3074



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.



24.4314, 0.2643, 0.2627



38.0043, 0.2522, 0.2452



23.0346, 0.2778, 0.2494



8.0013, 0.2986, 0.3102



3.1154, 0.1559, 0.0811



0.1590, 0.1705, 0.1337

Inverse Universe

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



25.2592, 0.3634, 0.3144



39.9974, 0.3794, 0.3110



39.5689, 0.3412, 0.4040



8.0400, 0.3257, 0.3246



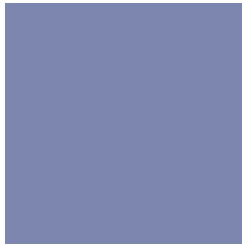
6.6175, 0.6053, 0.3108



0.1914, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 24.4304, 0.2643, 0.2627 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 24.4304, 0.2643, 0.2627 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

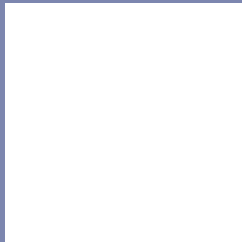
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.4304, 0.2643, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 24.4304, 0.2643, 0.2627.



This preview shows how white text looks on a background with the Yxy color 24.4304, 0.2643, 0.2627.

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

24.4304, 0.2643, 0.2627

Protanopia

24.5053, 0.2652, 0.2629

Deuteranopia

24.3822, 0.2669, 0.2616



Tritanopia

24.5892, 0.2816, 0.3099

Trichromacy



Original Color

24.4304, 0.2643, 0.2627

Protanomaly

24.5053, 0.2652, 0.2629

Deuteranomaly

24.3058, 0.2660, 0.2614

Tritanomaly

24.4595, 0.2753, 0.2917

Monochromacy



Original Color

24.4304, 0.2643, 0.2627

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.4355, 0.2944, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4304, 0.2643, 0.2627 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(124, 134, 175)` looks like.

```
.text, #text, p{  
    color:rgb(124, 134, 175)  
}
```

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(124, 134, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 134, 175) }
```

Border

The CSS property to change the border of an element to Yxy 24.4304, 0.2643, 0.2627 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(124, 134, 175) }
```

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

```
.border{ border-color:rgb(124, 134, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 134, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 134, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 134, 175);  
box-shadow:4px 4px 4px 4px rgb(124, 134,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4304, 0.2643, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 134, 175) }
```

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

```
.background{ background-color: rgb(124,  
134, 175) }
```

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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