

Converting Colors

$Y_{xy}(23.9681, 0.2526, 0.2484)$

Have a look what the booklet for
Yxy(23.9681, 0.2526, 0.2484)
contains.

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Color

Yxy(24.0455, 0.2526, 0.2489)

Conversions

Conversions Part 1

Format	Color
Hex	7685B7
RGB	118, 133, 183
RGB Percent	46%, 52%, 72%
CMY	0.5374, 0.4784, 0.2823
CMYK	0.36, 0.27, 0.00, 0.28
HSL	226°, 31%, 59%
HSV	226°, 36%, 72%
XYZ	24.4029, 24.0455, 48.1586
YIQ	134.2150, -24.9900, 12.3700

Conversions

Conversions Part 2

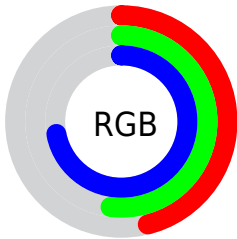
Format	Color
R _Y B	118, 130, 183
Decimal	7767479
CIE Lab	56.13, 6.87, -28.01
CIE LCh	56, 28.844, 283.776
Yxy	24.0455, 0.2526, 0.2489
Android (android.graphics.Color)	4285957559 (0xFF7685B7)
YUV	134.2150, 24.0510, -14.2206
Hunter-Lab	49.0362, 3.0174, -23.9036

Details

The Yxy color **24.0455, 0.2526, 0.2489** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.3675, 0.3718, 0.3979**, and the grayscale version is **23.8387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1205, 0.2654, 0.2652**, and **9.1456, 0.2318, 0.2228** is the 20% darker color. If you saturate the color by 10%, you get **19.2896, 0.2337, 0.2215**, and if you desaturate by 10%, it is **29.5678, 0.2710, 0.2745**.

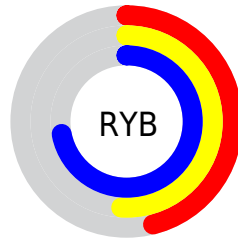
Distribution



Red (46%)

Green (52%)

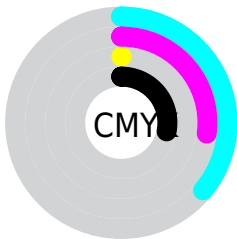
Blue (72%)



Red (46%)

Yellow (51%)

Blue (72%)

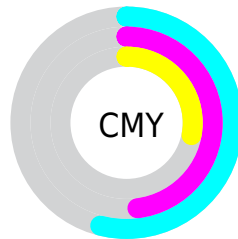


Cyan (36%)

Magenta (27%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0455, 0.2526, 0.2489 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 24.0455, 0.2526, 0.2489 by changing the saturation by 10% instead.

■ 24.0455, 0.2526,
0.2489

■ 24.0455, 0.2526,
0.2489

273.0504, 0.2855,
0.2916

■ 15.3674, 0.2435,
0.2375

■ 50.1044, 0.2652,
0.2650

■ 9.0776, 0.2313,
0.2223

■ 68.2540, 0.2697,
0.2709

■ 4.7918, 0.2142,
0.2016

■ 90.3296, 0.2735,
0.2758

■ 2.1257, 0.1890,
0.1720

116.7155, 0.2766,
0.2800

■ 0.6790, 0.1496,
0.1249

147.7961, 0.2793,
0.2835

■ 0.0000, 0.0000,
0.0000

183.9559, 0.2817,

0.2866

225.5792, 0.2837,
0.2893

■ 24.0455, 0.2526,
0.2489

■ 24.0455, 0.2526,
0.2489

■ 19.2896, 0.2337,
0.2215

■ 29.5678, 0.2710,
0.2745

■ 15.2624, 0.2150,
0.1929

■ 35.8861, 0.2883,
0.2977

■ 11.9273, 0.1973,
0.1643

■ 43.0320, 0.3044,
0.3185

■ 9.2431, 0.1817,
0.1371

■ 51.0344, 0.3191,
0.3369

■ 7.1637, 0.1691,
0.1128

■ 59.9207, 0.3324,
0.3530

■ 5.6355, 0.1602,
0.0928

■ 69.7173, 0.3443,
0.3671

■ 5.0986, 0.1570,
0.0853

■ 80.4493, 0.3550,
0.3793

■ 90.3196, 0.3579,
0.3913

■ 96.1992, 0.3555,
0.3998

Harmonies

Analogous

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



24.0455, 0.2271, 0.2585



24.0455, 0.2526, 0.2489



24.0455, 0.2954, 0.2579

Triad

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



24.0455, 0.2526, 0.2489



24.0455, 0.4125, 0.3573



24.0455, 0.2754, 0.3833

Complementary

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



24.0455, 0.2526, 0.2489



39.3675, 0.3718, 0.3979

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.



24.0455, 0.3236, 0.4154



24.0455, 0.2526, 0.2489



24.0455, 0.4044, 0.3941

Square

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



24.0455, 0.2526, 0.2489



24.0455, 0.3909, 0.3175



24.0455, 0.3711, 0.4175



24.0455, 0.2390, 0.3338

Rectangle

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



24.0455, 0.2526, 0.2489



24.0455, 0.3294, 0.2727



24.0455, 0.3711, 0.4175



24.0455, 0.2907, 0.3969

Sweetspot

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



24.0464, 0.2526, 0.2489



69.6573, 0.2955, 0.3071



40.5403, 0.2732, 0.3521



15.0100, 0.2933, 0.3042



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.0464, 0.2526, 0.2489



36.0031, 0.2372, 0.2266



21.5451, 0.2659, 0.2286



9.0476, 0.2985, 0.3109



3.6455, 0.1575, 0.0871



0.2249, 0.1715, 0.1375

Inverse Universe

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



24.7111, 0.3765, 0.3077



37.9023, 0.3986, 0.3028



43.2481, 0.3492, 0.4211



9.0453, 0.3252, 0.3237



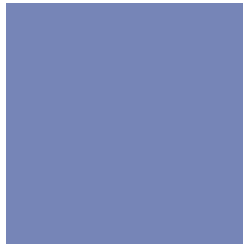
7.1503, 0.5957, 0.3055



0.2618, 0.5225, 0.2652

Previews

White Background



This preview shows how the Yxy color 24.0455, 0.2526, 0.2489 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 24.0455, 0.2526, 0.2489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

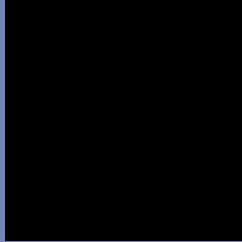
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

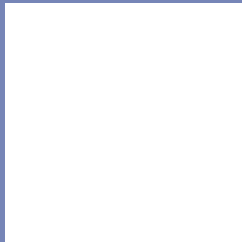
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.0455, 0.2526, 0.2489

Background



This preview shows how black text looks on a background with the Yxy color 24.0455, 0.2526, 0.2489.



This preview shows how white text looks on a background with the Yxy color 24.0455, 0.2526, 0.2489.

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

24.0455, 0.2526, 0.2489

Protanopia

24.1870, 0.2543, 0.2493

Deuteranopia

24.1870, 0.2543, 0.2493



Tritanopia

23.9822, 0.2731, 0.3094

Trichromacy



Original Color

24.0455, 0.2526, 0.2489

Protanomaly

24.1159, 0.2535, 0.2491

Deuteranomaly

24.1159, 0.2535, 0.2491

Tritanomaly

24.0107, 0.2654, 0.2861

Monochromacy



Original Color

24.0455, 0.2526, 0.2489

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.9064, 0.2883, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0455, 0.2526, 0.2489 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(118, 133, 183)` looks like.

```
.text, #text, p{  
    color:rgb(118, 133, 183)  
}
```

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(118, 133, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 133, 183) }
```

Border

The CSS property to change the border of an element to Yxy 24.0455, 0.2526, 0.2489 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(118, 133, 183) }
```

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

```
.border{ border-color:rgb(118, 133, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 133, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 133, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 133, 183);  
box-shadow:4px 4px 4px 4px rgb(118, 133,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0455, 0.2526, 0.2489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 133, 183) }
```

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

```
.background{ background-color: rgb(118,  
133, 183) }
```

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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