

Converting Colors

$Y_{xy}(25.3643, 0.2494, 0.2315)$

Have a look what the booklet for
Yxy(25.3643, 0.2494, 0.2315)
contains.

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Color

Yxy(25.3643, 0.2494, 0.2315)

Conversions

Conversions Part 1

Format	Color
Hex	7F85C6
RGB	127, 133, 198
RGB Percent	50%, 52%, 78%
CMY	0.5022, 0.4784, 0.2236
CMYK	0.36, 0.33, 0.00, 0.22
HSL	235°, 38%, 64%
HSV	235°, 36%, 78%
XYZ	27.3255, 25.3643, 56.8752
YIQ	138.6160, -24.4410, 18.9430

Conversions

Conversions Part 2

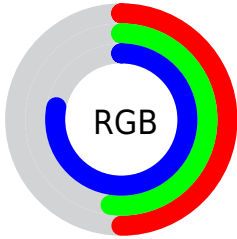
Format	Color
RYB	127, 133, 198
Decimal	8357318
CIELab	57.43, 13.50, -34.47
CIElCh	57, 37.018, 291.383
Yxy	25.3643, 0.2494, 0.2315
Android (android.graphics.Color)	4286547398 (0xFF7F85C6)
YUV	138.6160, 29.2763, -10.1872
Hunter-Lab	50.3630, 8.7138, -31.7024

Details

The Yxy color **25.3643, 0.2494, 0.2315** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.1968, 0.3686, 0.4107**, and the grayscale version is **25.5537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2829, 0.2627, 0.2502**, and **9.8101, 0.2272, 0.2021** is the 20% darker color. If you saturate the color by 10%, you get **19.4537, 0.2289, 0.1988**, and if you desaturate by 10%, it is **32.4301, 0.2691, 0.2623**.

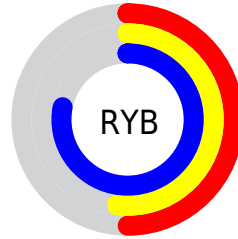
Distribution



Red (50%)

Green (52%)

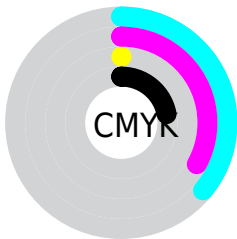
Blue (78%)



Red (50%)

Yellow (52%)

Blue (78%)

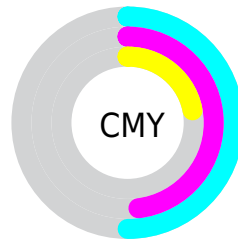


Cyan (36%)

Magenta (33%)

Yellow (0%)

Black (22%)



Cyan (50%)

Magenta (48%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3643, 0.2494, 0.2315 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 25.3643, 0.2494, 0.2315 by changing the saturation by 10% instead.

■ 25.3643, 0.2494,
0.2315

■ 25.3643, 0.2494,
0.2315

■ 279.6474, 0.2838,
0.2821

■ 16.3487, 0.2400,
0.2186

■ 52.2476, 0.2625,
0.2502

■ 9.7712, 0.2276,
0.2019

■ 70.8841, 0.2672,
0.2571

■ 5.2475, 0.2106,
0.1798

■ 93.4963, 0.2712,
0.2629

■ 2.3932, 0.1859,
0.1495

■ 120.4687, 0.2745,
0.2679

■ 0.8224, 0.1487,
0.1072

■ 152.1856, 0.2773,
0.2722

■ 0.0000, 0.0221,
0.0000

■ 189.0314, 0.2798,

■ 0.0000, 0.0000,

0.2759

0.0000

231.3905, 0.2819,
0.2792

■ 25.3643, 0.2494,
0.2315

■ 25.3643, 0.2494,
0.2315

■ 19.4537, 0.2289,
0.1988

■ 32.4301, 0.2691,
0.2623

■ 14.6339, 0.2085,
0.1657

■ 40.7049, 0.2873,
0.2905

■ 10.8388, 0.1894,
0.1340

■ 50.2429, 0.3039,
0.3156

■ 7.9938, 0.1732,
0.1061

■ 61.0939, 0.3185,
0.3377

■ 6.0140, 0.1610,
0.0841

■ 73.3051, 0.3315,
0.3570

■ 4.7987, 0.1536,
0.0693

■ 86.9215, 0.3428,
0.3736

■ 4.4756, 0.1515,
0.0652

■ 96.8568, 0.3466,
0.3850

Harmonies

Analogous

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



25.3643, 0.2129, 0.2362



25.3643, 0.2494, 0.2315



25.3643, 0.3061, 0.2478

Triad

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



25.3643, 0.2494, 0.2315



25.3643, 0.4391, 0.3739



25.3643, 0.2519, 0.3832

Complementary

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



25.3643, 0.2494, 0.2315



51.1968, 0.3686, 0.4107

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.



25.3643, 0.3089, 0.4333



25.3643, 0.2494, 0.2315



25.3643, 0.4185, 0.4180

Square

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



25.3643, 0.2494, 0.2315



25.3643, 0.4218, 0.3255



25.3643, 0.3701, 0.4437



25.3643, 0.2136, 0.3177

Rectangle

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



25.3643, 0.2494, 0.2315



25.3643, 0.3497, 0.2684



25.3643, 0.3701, 0.4437



25.3643, 0.2695, 0.4033

Sweetspot

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



25.3653, 0.2494, 0.2315



79.7747, 0.2954, 0.3027



48.6479, 0.2670, 0.3388



16.5841, 0.2931, 0.2992



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.



25.3653, 0.2494, 0.2315



36.6237, 0.2335, 0.2062



26.2457, 0.2740, 0.2293



10.4309, 0.2983, 0.3072



2.9645, 0.1518, 0.0663



0.1918, 0.1575, 0.0871

Inverse Universe

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



28.8629, 0.3905, 0.3211



43.9753, 0.4164, 0.3195



50.4129, 0.3416, 0.4252



10.6514, 0.3276, 0.3271



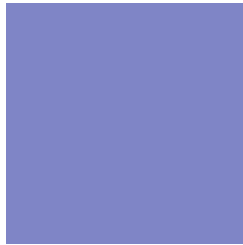
7.8393, 0.6294, 0.3241



0.3764, 0.5957, 0.3055

Previews

White Background



This preview shows how the Yxy color 25.3643, 0.2494, 0.2315 looks on a white background.

Color Contrast Check

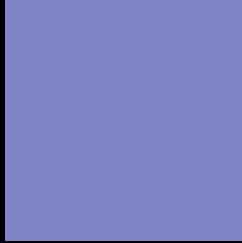
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3643, 0.2494, 0.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

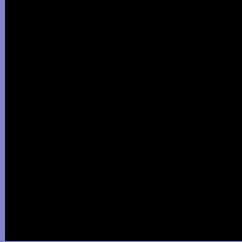
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3643, 0.2494, 0.2315

Background



This preview shows how black text looks on a background with the Yxy color 25.3643, 0.2494, 0.2315.



This preview shows how white text looks on a background with the Yxy color 25.3643, 0.2494, 0.2315.

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

25.3643, 0.2494, 0.2315

Protanopia

25.5604, 0.2408, 0.2317

Deuteranopia

25.2844, 0.2413, 0.2350



Tritanopia

25.4278, 0.2774, 0.3100

Trichromacy



Original Color

25.3643, 0.2494, 0.2315

Protanomaly

25.5164, 0.2443, 0.2321

Deuteranomaly

25.2811, 0.2441, 0.2342

Tritanomaly

25.3948, 0.2673, 0.2796

Monochromacy



Original Color

25.3643, 0.2494, 0.2315

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5803, 0.2882, 0.2916

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3643, 0.2494, 0.2315 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(127, 133, 198)` looks like.

```
.text, #text, p{  
    color:rgb(127, 133, 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(127, 133, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 133, 198) }
```

Border

The CSS property to change the border of an element to Yxy 25.3643, 0.2494, 0.2315 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(127, 133, 198) }
```

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

```
.border{ border-color:rgb(127, 133, 198) }
```

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

Here you see how a box with a 4 pixel rgb(127, 133, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 133, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 133, 198);  
box-shadow:4px 4px 4px 4px rgb(127, 133,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3643, 0.2494, 0.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 133, 198) }
```

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

```
.background{ background-color: rgb(127,  
133, 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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