

Converting Colors

$Y_{xy}(25.1783, 0.2440, 0.2587)$

Have a look what the booklet for
Yxy(25.1783, 0.2440, 0.2587)
contains.

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Color

Yxy(25.1783, 0.2440, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	698CB7
RGB	105, 140, 183
RGB Percent	41%, 55%, 72%
CMY	0.5883, 0.4509, 0.2824
CMYK	0.43, 0.23, 0.00, 0.28
HSL	213°, 35%, 56%
HSV	213°, 43%, 72%
XYZ	23.7476, 25.1783, 48.4003
YIQ	134.4370, -34.6630, 5.9530

Conversions

Conversions Part 2

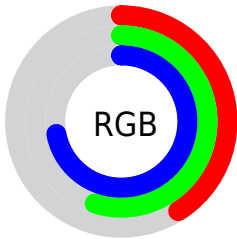
Format	Color
R_{YB}	105, 129, 183
Decimal	6917303
CIE _{Lab}	57.25, -0.81, -26.35
CIE _{LCh}	57, 26.358, 268.240
Yxy	25.1783, 0.2440, 0.2587
Android (android.graphics.Color)	4285107383 (0xFF698CB7)
YUV	134.4370, 23.9416, -25.8162
Hunter-Lab	50.1780, -3.3332, -22.0650

Details

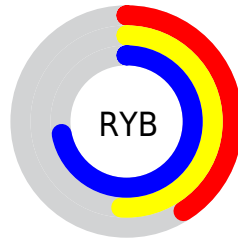
The Yxy color **25.1783, 0.2440, 0.2587** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.2508, 0.3945, 0.3896**, and the grayscale version is **23.9278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7429, 0.2579, 0.2727**, and **9.6541, 0.2206, 0.2340** is the 20% darker color. If you saturate the color by 10%, you get **21.3754, 0.2278, 0.2385**, and if you desaturate by 10%, it is **29.4914, 0.2606, 0.2777**.

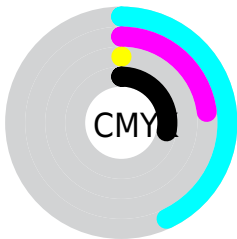
Distribution



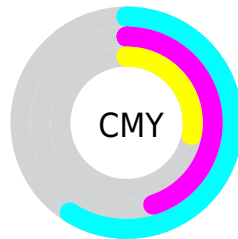
- Red (41%)
- Green (55%)
- Blue (72%)



- Red (41%)
- Yellow (51%)
- Blue (72%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (28%)



- Cyan (59%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1783, 0.2440, 0.2587 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 25.1783, 0.2440, 0.2587 by changing the saturation by 10% instead.

■ 25.1783, 0.2440,
0.2587

■ 25.1783, 0.2440,
0.2587

■ 278.7247, 0.2810,
0.2966

■ 16.2099, 0.2340,
0.2484

■ 51.9463, 0.2580,
0.2731

■ 9.6728, 0.2207,
0.2347

■ 70.5148, 0.2631,
0.2783

■ 5.1826, 0.2023,
0.2157

■ 93.0521, 0.2674,
0.2827

■ 2.3548, 0.1756,
0.1880

■ 119.9426, 0.2709,
0.2863

■ 0.8025, 0.1342,
0.1450

■ 151.5707, 0.2740,
0.2895

■ 0.0000, 0.0000,
0.0000

188.3209, 0.2766,

0.2922

230.5774, 0.2789,
0.2945

■ 25.1783, 0.2440,
0.2587

■ 25.1783, 0.2440,
0.2587

■ 21.3754, 0.2278,
0.2385

■ 29.4914, 0.2606,
0.2777

■ 18.0572, 0.2126,
0.2174

■ 34.3329, 0.2772,
0.2953

■ 15.2000, 0.1988,
0.1961

■ 39.7234, 0.2933,
0.3112

■ 12.7760, 0.1872,
0.1751

■ 45.6815, 0.3088,
0.3255

■ 10.7533, 0.1781,
0.1551

■ 52.2246, 0.3234,
0.3382

■ 9.4793, 0.1726,
0.1413

■ 59.3697, 0.3371,
0.3495

■ 67.1327, 0.3499,
0.3594

■ 75.5290, 0.3617,
0.3680

■ 81.6850, 0.3618,
0.3775

Harmonies

Analogous

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



25.1783, 0.2302, 0.2772



25.1783, 0.2440, 0.2587



25.1783, 0.2756, 0.2581

Triad

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



25.1783, 0.2440, 0.2587



25.1783, 0.3956, 0.3364



25.1783, 0.3012, 0.3952

Complementary

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



25.1783, 0.2440, 0.2587



32.2508, 0.3945, 0.3896

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.



25.1783, 0.3460, 0.4108



25.1783, 0.2440, 0.2587



25.1783, 0.4024, 0.3721

Square

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



25.1783, 0.2440, 0.2587



25.1783, 0.3642, 0.3013



25.1783, 0.3835, 0.4004



25.1783, 0.2614, 0.3572

Rectangle

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



25.1783, 0.2440, 0.2587



25.1783, 0.3040, 0.2668



25.1783, 0.3835, 0.4004



25.1783, 0.3162, 0.4034

Sweetspot

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



25.1792, 0.2440, 0.2587



70.5641, 0.2924, 0.3103



38.9978, 0.2778, 0.3857



15.0986, 0.2889, 0.3069



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.



25.1792, 0.2440, 0.2587



38.7941, 0.2291, 0.2401



16.7605, 0.2378, 0.2004



9.3657, 0.2985, 0.3161



6.7471, 0.1732, 0.1435



0.3617, 0.1873, 0.1941

Inverse Universe

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



22.0580, 0.3715, 0.2796



33.4900, 0.3908, 0.2696



44.4750, 0.3716, 0.4339



9.0775, 0.3219, 0.3188



7.4635, 0.5144, 0.2608



0.2756, 0.4521, 0.2264

Previews

White Background



This preview shows how the Yxy color 25.1783, 0.2440, 0.2587 looks on a white background.

Color Contrast Check

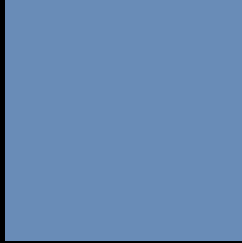
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1783, 0.2440, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

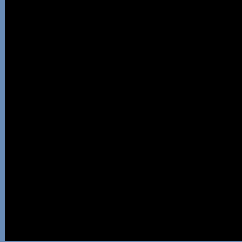
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

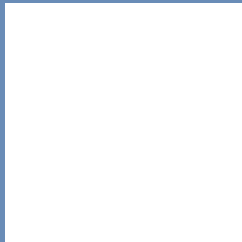
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1783, 0.2440, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 25.1783, 0.2440, 0.2587.



This preview shows how white text looks on a background with the Yxy color 25.1783, 0.2440, 0.2587.

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

25.1783, 0.2440, 0.2587

Protanopia

24.9832, 0.2614, 0.2575

Deuteranopia

25.0737, 0.2575, 0.2519



Tritanopia

25.2478, 0.2593, 0.3093

Trichromacy



Original Color

25.1783, 0.2440, 0.2587

Protanomaly

25.0791, 0.2550, 0.2583

Deuteranomaly

25.1339, 0.2520, 0.2540

Tritanomaly

25.1648, 0.2537, 0.2892

Monochromacy



Original Color

25.1783, 0.2440, 0.2587

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.0863, 0.2834, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1783, 0.2440, 0.2587 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(105, 140, 183)` looks like.

```
.text, #text, p{  
    color:rgb(105, 140, 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(105, 140, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 140, 183) }
```

Border

The CSS property to change the border of an element to Yxy 25.1783, 0.2440, 0.2587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

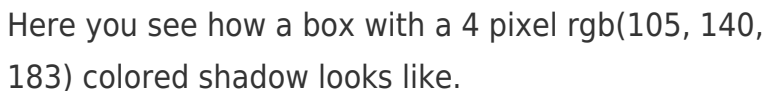
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 140, 183) }
```

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

```
.border{ border-color:rgb(105, 140, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 140, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 140, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 140, 183); box-shadow:4px 4px 4px 4px rgb(105, 140, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1783, 0.2440, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 140, 183) }
```

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

```
.background{ background-color: rgb(105,  
140, 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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