

Converting Colors

$Y_{xy}(23.9471, 0.2442, 0.2792)$

Have a look what the booklet for
Yxy(23.9471, 0.2442, 0.2792)
contains.

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Color

Yxy(23.8961, 0.2439, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	5C8CA9
RGB	92, 140, 169
RGB Percent	36%, 55%, 66%
CMY	0.6394, 0.4509, 0.3372
CMYK	0.46, 0.17, 0.00, 0.34
HSL	203°, 31%, 51%
HSV	203°, 46%, 66%
XYZ	20.9499, 23.8961, 41.0494
YIQ	128.9540, -37.9170, -1.1570

Conversions

Conversions Part 2

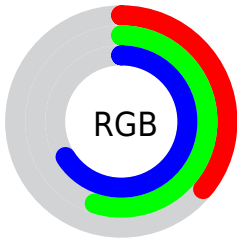
Format	Color
R _Y B	92, 122, 169
Decimal	6065321
CIE Lab	55.98, -8.24, -20.37
CIE LCh	56, 21.977, 247.969
Yxy	23.8961, 0.2439, 0.2782
Android (android.graphics.Color)	4284255401 (0xFF5C8CA9)
YUV	128.9540, 19.7427, -32.4087
Hunter-Lab	48.8836, -9.0473, -15.5695

Details

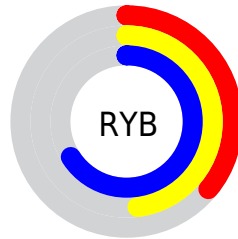
The Yxy color **23.8961, 0.2439, 0.2782** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **22.8704, 0.4105, 0.3737**, and the grayscale version is **21.8725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0764, 0.2585, 0.2903**, and **9.0088, 0.2200, 0.2586** is the 20% darker color. If you saturate the color by 10%, you get **21.3165, 0.2303, 0.2647**, and if you desaturate by 10%, it is **26.7791, 0.2585, 0.2910**.

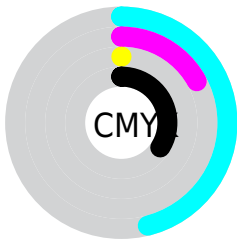
Distribution



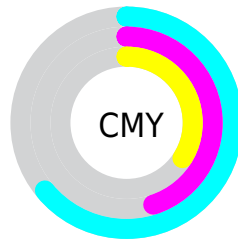
- Red (36%)
- Green (55%)
- Blue (66%)



- Red (36%)
- Yellow (48%)
- Blue (66%)



- Cyan (46%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (64%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.8961, 0.2439, 0.2782 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 23.8961, 0.2439, 0.2782 by changing the saturation by 10% instead.

■ 23.8961, 0.2439,
0.2782

■ 23.8961, 0.2439,
0.2782

272.2948, 0.2812,
0.3066

■ 15.2566, 0.2336,
0.2701

■ 49.8606, 0.2581,
0.2893

■ 8.9996, 0.2199,
0.2589

■ 67.9544, 0.2633,
0.2932

■ 4.7410, 0.2007,
0.2429

■ 89.9683, 0.2675,
0.2964

■ 2.0961, 0.1722,
0.2180

■ 116.2868, 0.2711,
0.2991

■ 0.6624, 0.1132,
0.1750

147.2944, 0.2742,
0.3014

■ 0.0000, 0.0000,
0.0000

183.3753, 0.2768,

0.3034

224.9139, 0.2791,
0.3051

■ 23.8961, 0.2439,
0.2782

■ 23.8961, 0.2439,
0.2782

■ 21.3165, 0.2303,
0.2647

■ 26.7791, 0.2585,
0.2910

■ 19.0228, 0.2179,
0.2506

■ 29.9763, 0.2736,
0.3029

■ 16.9992, 0.2073,
0.2363

■ 33.5014, 0.2890,
0.3139

■ 15.2270, 0.1986,
0.2219

■ 37.3662, 0.3043,
0.3239

■ 13.6824, 0.1920,
0.2078

■ 41.5817, 0.3193,
0.3328

■ 13.0516, 0.1894,
0.2017

■ 46.1587, 0.3338,
0.3408

■ 51.1070, 0.3476,
0.3479

■ 56.4365, 0.3609,
0.3542

■ 62.1562, 0.3733,
0.3597

Harmonies

Analogous

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



23.8961, 0.2435, 0.3044



23.8961, 0.2439, 0.2782



23.8961, 0.2612, 0.2669

Triad

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



23.8961, 0.2439, 0.2782



23.8961, 0.3668, 0.3149



23.8961, 0.3293, 0.3960

Complementary

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



23.8961, 0.2439, 0.2782



22.8704, 0.4105, 0.3737

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.



23.8961, 0.3642, 0.3947



23.8961, 0.2439, 0.2782



23.8961, 0.3872, 0.3461

Square

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



23.8961, 0.2439, 0.2782



23.8961, 0.3314, 0.2881



23.8961, 0.3860, 0.3754



23.8961, 0.2913, 0.3758

Rectangle

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



23.8961, 0.2439, 0.2782



23.8961, 0.2809, 0.2679



23.8961, 0.3860, 0.3754



23.8961, 0.3418, 0.3980

Sweetspot

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



23.8970, 0.2439, 0.2782



60.8858, 0.2911, 0.3153



32.0138, 0.2862, 0.4165



12.9709, 0.2879, 0.3131



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.8970, 0.2439, 0.2782



38.0025, 0.2298, 0.2641



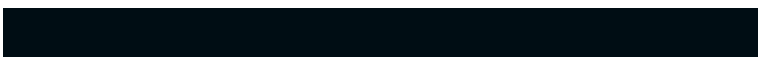
14.6844, 0.2317, 0.2082



8.0505, 0.2987, 0.3203



9.8312, 0.1898, 0.2031



0.3328, 0.2027, 0.2495

Inverse Universe

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



17.9754, 0.3567, 0.2573



27.0232, 0.3713, 0.2425



33.9137, 0.3850, 0.4260



7.6180, 0.3192, 0.3150



7.0635, 0.4418, 0.2207



0.1813, 0.3927, 0.1937

Previews

White Background



This preview shows how the Yxy color 23.8961, 0.2439, 0.2782 looks on a white background.

Color Contrast Check

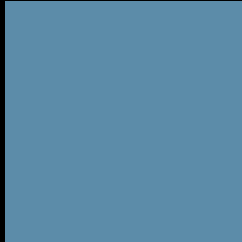
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8961, 0.2439, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

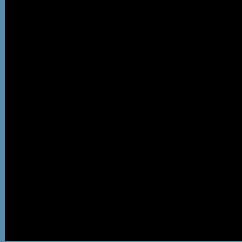
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

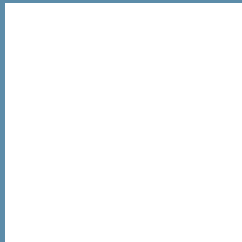
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.8961, 0.2439, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 23.8961, 0.2439, 0.2782.



This preview shows how white text looks on a background with the Yxy color 23.8961, 0.2439, 0.2782.

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

23.8961, 0.2439, 0.2782

Protanopia

23.6949, 0.2761, 0.2760

Deuteranopia

23.6849, 0.2699, 0.2640



Tritanopia

24.0527, 0.2526, 0.3087

Trichromacy



Original Color

23.8961, 0.2439, 0.2782

Protanomaly

23.6585, 0.2627, 0.2764

Deuteranomaly

23.5299, 0.2593, 0.2685

Tritanomaly

23.9731, 0.2494, 0.2982

Monochromacy



Original Color

23.8961, 0.2439, 0.2782

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.5017, 0.2834, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8961, 0.2439, 0.2782 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(92, 140, 169)` looks like.

```
.text, #text, p{  
    color:rgb(92, 140, 169)  
}
```

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(92, 140, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 140, 169) }
```

Border

The CSS property to change the border of an element to Yxy 23.8961, 0.2439, 0.2782 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(92, 140, 169) }
```

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

```
.border{ border-color:rgb(92, 140, 169) }
```

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

Here you see how a box with a 4 pixel rgb(92, 140, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 140, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 140, 169);  
box-shadow:4px 4px 4px 4px rgb(92, 140,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8961, 0.2439, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 140, 169) }
```

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

```
.background{ background-color: rgb(92, 140,  
169) }
```

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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