

Converting Colors

$Y_{xy}(25.9878, 0.2302, 0.2624)$

Have a look what the booklet for
Yxy(25.9878, 0.2302, 0.2624)
contains.

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Color

Yxy(25.9878, 0.2302, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	5492BA
RGB	84, 146, 186
RGB Percent	33%, 57%, 73%
CMY	0.6704, 0.4275, 0.2707
CMYK	0.55, 0.21, 0.00, 0.27
HSL	204°, 42%, 53%
HSV	204°, 55%, 73%
XYZ	22.7987, 25.9878, 50.2523
YIQ	132.0220, -49.7920, -0.7040

Conversions

Conversions Part 2

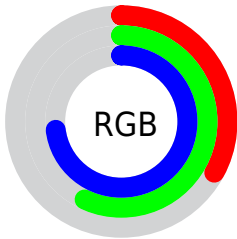
Format	Color
R_{YB}	84, 123, 186
Decimal	5542586
CIE _{Lab}	58.03, -8.41, -26.93
CIE _{LCh}	58, 28.212, 252.658
Yxy	25.9878, 0.2302, 0.2624
Android (android.graphics.Color)	4283732666 (0xFF5492BA)
YUV	132.0220, 26.6112, -42.1153
Hunter-Lab	50.9782, -9.3822, -22.7610

Details

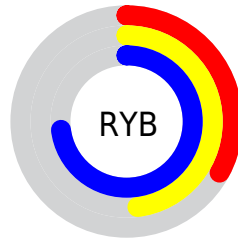
The Yxy color **25.9878, 0.2302, 0.2624** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **25.4984, 0.4380, 0.3843**, and the grayscale version is **23.0030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2948, 0.2466, 0.2767**, and **10.1784, 0.2034, 0.2393** is the 20% darker color. If you saturate the color by 10%, you get **23.0634, 0.2175, 0.2476**, and if you desaturate by 10%, it is **29.2854, 0.2442, 0.2766**.

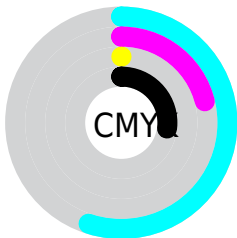
Distribution



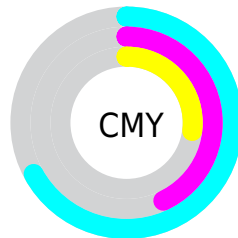
- Red (33%)
- Green (57%)
- Blue (73%)



- Red (33%)
- Yellow (48%)
- Blue (73%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9878, 0.2302, 0.2624 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 25.9878, 0.2302, 0.2624 by changing the saturation by 10% instead.

■ 25.9878, 0.2302,
0.2624

■ 25.9878, 0.2302,
0.2624

■ 282.7222, 0.2739,
0.2987

■ 16.8145, 0.2186,
0.2524

■ 53.2553, 0.2466,
0.2763

■ 10.1023, 0.2035,
0.2390

■ 72.1182, 0.2526,
0.2813

■ 5.4669, 0.1829,
0.2204

■ 94.9799, 0.2577,
0.2855

■ 2.5237, 0.1538,
0.1931

■ 122.2246, 0.2619,
0.2890

■ 0.8885, 0.1088,
0.1513

■ 154.2368, 0.2656,
0.2920

■ 0.0000, 0.0000,
0.0000

191.4009, 0.2687,

0.2945

234.1012, 0.2715,
0.2968

■ 25.9878, 0.2302,
0.2624

■ 25.9878, 0.2302,
0.2624

■ 23.0634, 0.2175,
0.2476

■ 29.2854, 0.2442,
0.2766

■ 20.4883, 0.2065,
0.2325

■ 32.9724, 0.2591,
0.2901

■ 18.2393, 0.1975,
0.2174

■ 37.0672, 0.2745,
0.3025

■ 16.2878, 0.1906,
0.2026

■ 41.5859, 0.2900,
0.3140

■ 15.3615, 0.1875,
0.1951

■ 46.5438, 0.3054,
0.3244

■ 51.9551, 0.3205,
0.3337

■ 57.8333, 0.3350,
0.3420

■ 64.1914, 0.3488,
0.3494

■ 71.0418, 0.3619,
0.3559

Harmonies

Analogous

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



25.9878, 0.2264, 0.2914



25.9878, 0.2302, 0.2624



25.9878, 0.2541, 0.2523

Triad

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



25.9878, 0.2302, 0.2624



25.9878, 0.3860, 0.3168



25.9878, 0.3251, 0.4117

Complementary

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



25.9878, 0.2302, 0.2624



25.4984, 0.4380, 0.3843

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.



25.9878, 0.3701, 0.4129



25.9878, 0.2302, 0.2624



25.9878, 0.4075, 0.3549

Square

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



25.9878, 0.2302, 0.2624



25.9878, 0.3433, 0.2832



25.9878, 0.4010, 0.3903



25.9878, 0.2788, 0.3821

Rectangle

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



25.9878, 0.2302, 0.2624



25.9878, 0.2796, 0.2558



25.9878, 0.4010, 0.3903



25.9878, 0.3409, 0.4153

Sweetspot

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



25.9888, 0.2302, 0.2624



74.1558, 0.2878, 0.3124



38.4261, 0.2814, 0.4361



15.9484, 0.2845, 0.3101



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.9888, 0.2302, 0.2624



40.6942, 0.2148, 0.2442



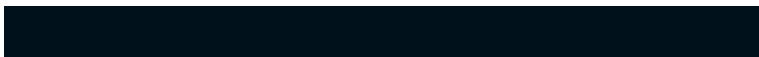
13.7869, 0.2122, 0.1752



9.6032, 0.2985, 0.3198



10.4874, 0.1881, 0.1969



0.4865, 0.1986, 0.2348

Inverse Universe

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



18.8599, 0.3725, 0.2456



28.2880, 0.3926, 0.2317



41.3798, 0.3986, 0.4458



9.1014, 0.3196, 0.3152



7.8410, 0.4488, 0.2246



0.2882, 0.4076, 0.2019

Previews

White Background



This preview shows how the Yxy color 25.9878, 0.2302, 0.2624 looks on a white background.

Color Contrast Check

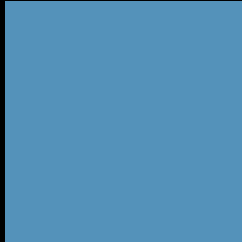
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9878, 0.2302, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

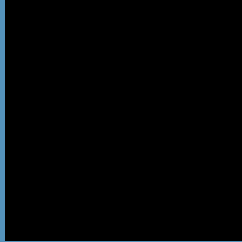
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

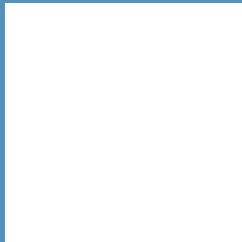
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9878, 0.2302, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 25.9878, 0.2302, 0.2624.

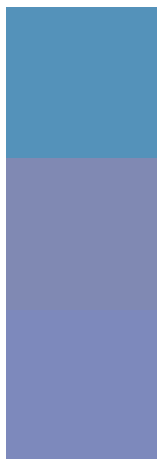


This preview shows how white text looks on a background with the Yxy color 25.9878, 0.2302, 0.2624.

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

25.9878, 0.2302, 0.2624

Protanopia

25.7352, 0.2652, 0.2627

Deuteranopia

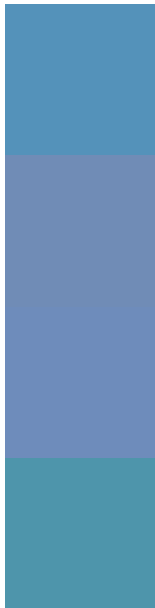
25.8821, 0.2558, 0.2500



Tritanopia

25.9172, 0.2410, 0.3072

Trichromacy



Original Color

25.9878, 0.2302, 0.2624

Protanomaly

25.5783, 0.2501, 0.2610

Deuteranomaly

25.6590, 0.2451, 0.2538

Tritanomaly

26.0549, 0.2367, 0.2904

Monochromacy



Original Color

25.9878, 0.2302, 0.2624

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.8032, 0.2757, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9878, 0.2302, 0.2624 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(84, 146, 186)` looks like.

```
.text, #text, p{  
    color:rgb(84, 146, 186)  
}
```

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(84, 146, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 146, 186) }
```

Border

The CSS property to change the border of an element to Yxy 25.9878, 0.2302, 0.2624 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(84, 146, 186) }
```

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

```
.border{ border-color:rgb(84, 146, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 146, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 146, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 146, 186);  
box-shadow:4px 4px 4px 4px rgb(84, 146,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9878, 0.2302, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 146, 186) }
```

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

```
.background{ background-color: rgb(84, 146,  
186) }
```

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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