

Converting Colors

$Y_{xy}(25.2703, 0.2213, 0.2409)$

Have a look what the booklet for
Yxy(25.2703, 0.2213, 0.2409)
contains.

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Color

$\text{Yxy}(25.1265, 0.2210, 0.2399)$

Conversions

Conversions Part 1

Format	Color
Hex	518EC5
RGB	81, 142, 197
RGB Percent	32%, 56%, 77%
CMY	0.6823, 0.4431, 0.2274
CMYK	0.59, 0.28, 0.00, 0.23
HSL	208°, 50%, 55%
HSV	208°, 59%, 77%
XYZ	23.1470, 25.1265, 56.4639
YIQ	130.0310, -54.0110, 4.1730

Conversions

Conversions Part 2

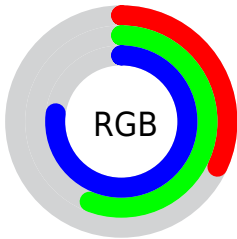
Format	Color
R _Y B	81, 121, 197
Decimal	5344965
CIE Lab	57.20, -3.27, -34.48
CIE LCh	57, 34.632, 264.581
Yxy	25.1265, 0.2210, 0.2399
Android (android.graphics.Color)	4283535045 (0xFF518EC5)
YUV	130.0310, 33.0157, -43.0002
Hunter-Lab	50.1263, -5.2947, -31.6977

Details

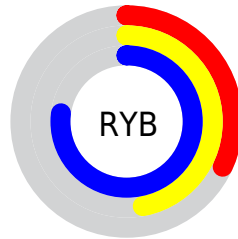
The Yxy color **25.1265, 0.2210, 0.2399** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **30.0877, 0.4429, 0.3998**, and the grayscale version is **22.2323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6749, 0.2391, 0.2572**, and **9.6375, 0.1918, 0.2104** is the 20% darker color. If you saturate the color by 10%, you get **21.7141, 0.2077, 0.2215**, and if you desaturate by 10%, it is **29.0263, 0.2357, 0.2578**.

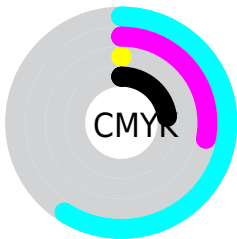
Distribution



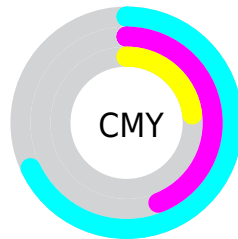
- Red (32%)
- Green (56%)
- Blue (77%)



- Red (32%)
- Yellow (47%)
- Blue (77%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (68%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1265, 0.2210, 0.2399 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 25.1265, 0.2210, 0.2399 by changing the saturation by 10% instead.

■ 25.1265, 0.2210,
0.2399

■ 25.1265, 0.2210,
0.2399

278.4673, 0.2695,
0.2876

■ 16.1713, 0.2083,
0.2272

■ 51.8624, 0.2391,
0.2578

■ 9.6455, 0.1918,
0.2107

■ 70.4119, 0.2458,
0.2644

■ 5.1645, 0.1697,
0.1883

■ 92.9282, 0.2514,
0.2699

■ 2.3441, 0.1393,
0.1571

■ 119.7959, 0.2561,
0.2745

■ 0.7969, 0.0955,
0.1123

151.3992, 0.2602,
0.2785

■ 0.0000, 0.0000,
0.0000

188.1227, 0.2637,

0.2819

230.3506, 0.2668,
0.2849

■ 25.1265, 0.2210,
0.2399

■ 25.1265, 0.2210,
0.2399

■ 21.7141, 0.2077,
0.2215

■ 29.0263, 0.2357,
0.2578

■ 18.7583, 0.1963,
0.2030

■ 33.4362, 0.2513,
0.2748

■ 16.2275, 0.1871,
0.1849

■ 38.3803, 0.2673,
0.2906

■ 14.0714, 0.1801,
0.1676

■ 43.8800, 0.2834,
0.3052

■ 13.8454, 0.1794,
0.1657

■ 49.9554, 0.2991,
0.3184

■ 56.6256, 0.3144,
0.3303

■ 63.9085, 0.3290,
0.3408

■ 71.8212, 0.3428,
0.3501

■ 79.7417, 0.3532,
0.3586

Harmonies

Analogous

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



25.1265, 0.2067, 0.2649



25.1265, 0.2210, 0.2399



25.1265, 0.2581, 0.2375

Triad

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



25.1265, 0.2210, 0.2399



25.1265, 0.4185, 0.3310



25.1265, 0.3034, 0.4228

Complementary

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



25.1265, 0.2210, 0.2399



30.0877, 0.4429, 0.3998

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.



25.1265, 0.3613, 0.4374



25.1265, 0.2210, 0.2399



25.1265, 0.4310, 0.3769

Square

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



25.1265, 0.2210, 0.2399



25.1265, 0.3735, 0.2879



25.1265, 0.4087, 0.4169



25.1265, 0.2508, 0.3734

Rectangle

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



25.1265, 0.2210, 0.2399



25.1265, 0.2934, 0.2471



25.1265, 0.4087, 0.4169



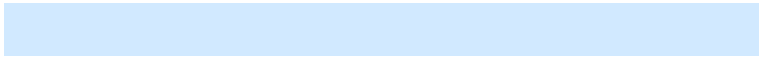
25.1265, 0.3229, 0.4321

Sweetspot

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



25.1274, 0.2210, 0.2399



79.1969, 0.2843, 0.3060



43.4448, 0.2745, 0.4297



16.3021, 0.2796, 0.3019



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.



25.1274, 0.2210, 0.2399



37.0950, 0.2038, 0.2155



12.2617, 0.2007, 0.1472



11.1947, 0.2983, 0.3178



9.2733, 0.1800, 0.1679



0.5834, 0.1901, 0.2043

Inverse Universe

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



19.7137, 0.3939, 0.2516



29.0200, 0.4224, 0.2410



50.6744, 0.3981, 0.4625



10.7285, 0.3209, 0.3169



8.4761, 0.4832, 0.2436



0.4159, 0.4404, 0.2200

Previews

White Background



This preview shows how the Yxy color 25.1265, 0.2210, 0.2399 looks on a white background.

Color Contrast Check

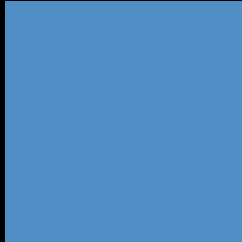
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1265, 0.2210, 0.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

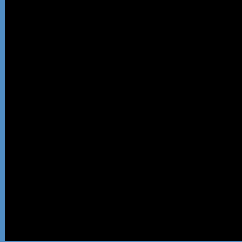
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1265, 0.2210, 0.2399

Background



This preview shows how black text looks on a background with the Yxy color 25.1265, 0.2210, 0.2399.

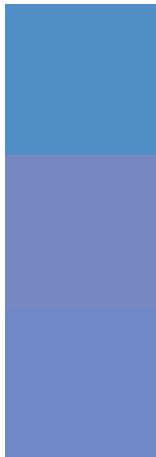


This preview shows how white text looks on a background with the Yxy color 25.1265, 0.2210, 0.2399.

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

25.1265, 0.2210, 0.2399

Protanopia

25.0115, 0.2482, 0.2418

Deuteranopia

25.1303, 0.2384, 0.2333



Tritanopia

25.2264, 0.2363, 0.3068

Trichromacy



Original Color

25.1265, 0.2210, 0.2399

Protanomaly

25.0305, 0.2370, 0.2417

Deuteranomaly

25.0209, 0.2312, 0.2347

Tritanomaly

24.9534, 0.2299, 0.2796

Monochromacy



Original Color

25.1265, 0.2210, 0.2399

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.8280, 0.2707, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1265, 0.2210, 0.2399 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(81, 142, 197)` looks like.

```
.text, #text, p{  
    color:rgb(81, 142, 197)  
}
```

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(81, 142, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 142, 197) }
```

Border

The CSS property to change the border of an element to Yxy 25.1265, 0.2210, 0.2399 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(81, 142, 197) }
```

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

```
.border{ border-color:rgb(81, 142, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 142, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 142, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 142, 197);  
box-shadow:4px 4px 4px 4px rgb(81, 142,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1265, 0.2210, 0.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 142, 197) }
```

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

```
.background{ background-color: rgb(81, 142,  
197) }
```

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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