

Converting Colors

$Y_{xy}(25.1152, 0.2259, 0.2316)$

Have a look what the booklet for
Yxy(25.1152, 0.2259, 0.2316)
contains.

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Color

Yxy(25.1152, 0.2259, 0.2316)

Conversions

Conversions Part 1

Format	Color
Hex	5F8BC9
RGB	95, 139, 201
RGB Percent	37%, 55%, 79%
CMY	0.6274, 0.4549, 0.2117
CMYK	0.53, 0.31, 0.00, 0.21
HSL	215°, 50%, 58%
HSV	215°, 53%, 79%
XYZ	24.4971, 25.1152, 58.8299
YIQ	132.9120, -46.1260, 9.9540

Conversions

Conversions Part 2

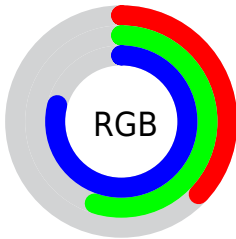
Format	Color
R _Y B	95, 126, 201
Decimal	6261705
CIE Lab	57.19, 2.73, -36.71
CIE LCh	57, 36.812, 274.258
Yxy	25.1152, 0.2259, 0.2316
Android (android.graphics.Color)	4284451785 (0xFF5F8BC9)
YUV	132.9120, 33.5674, -33.2488
Hunter-Lab	50.1151, -0.4476, -34.5197

Details

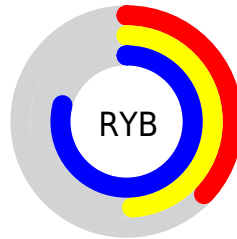
The Yxy color **25.1152, 0.2259, 0.2316** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **37.3733, 0.4172, 0.4079**, and the grayscale version is **23.3113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4986, 0.2445, 0.2536**, and **9.5914, 0.1977, 0.1996** is the 20% darker color. If you saturate the color by 10%, you get **20.9501, 0.2101, 0.2090**, and if you desaturate by 10%, it is **29.9263, 0.2426, 0.2533**.

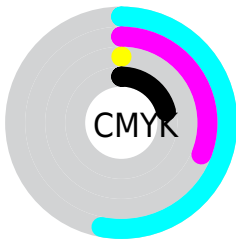
Distribution



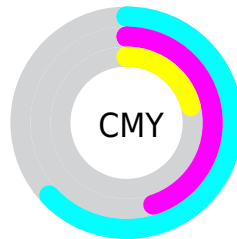
- Red (37%)
- Green (55%)
- Blue (79%)



- Red (37%)
- Yellow (49%)
- Blue (79%)



- Cyan (53%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (63%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1152, 0.2259, 0.2316 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 25.1152, 0.2259, 0.2316 by changing the saturation by 10% instead.

■ 25.1152, 0.2259,
0.2316

■ 25.1152, 0.2259,
0.2316

■ 278.4112, 0.2720,
0.2829

■ 16.1629, 0.2138,
0.2183

■ 51.8440, 0.2432,
0.2507

■ 9.6395, 0.1980,
0.2010

■ 70.3894, 0.2495,
0.2578

■ 5.1606, 0.1768,
0.1780

■ 92.9012, 0.2548,
0.2637

■ 2.3418, 0.1475,
0.1466

■ 119.7639, 0.2593,
0.2687

■ 0.7957, 0.1061,
0.1026

■ 151.3618, 0.2632,
0.2730

■ 0.0000, 0.0000,
0.0000

188.0794, 0.2665,

0.2767

230.3011, 0.2695,
0.2800

■ 25.1152, 0.2259,
0.2316

■ 25.1152, 0.2259,
0.2316

■ 20.9501, 0.2101,
0.2090

■ 29.9263, 0.2426,
0.2533

■ 17.3949, 0.1960,
0.1863

■ 35.4112, 0.2597,
0.2738

■ 14.4134, 0.1840,
0.1642

■ 41.5992, 0.2766,
0.2927

■ 11.9624, 0.1747,
0.1435

■ 48.5166, 0.2930,
0.3098

■ 10.4678, 0.1694,
0.1297

■ 56.1887, 0.3086,
0.3251

■ 64.6390, 0.3233,
0.3387

■ 73.8901, 0.3370,
0.3507

■ 83.8063, 0.3490,
0.3613

■ 90.6924, 0.3467,
0.3726

Harmonies

Analogous

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



25.1152, 0.2030, 0.2496



25.1152, 0.2259, 0.2316



25.1152, 0.2718, 0.2363

Triad

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



25.1152, 0.2259, 0.2316



25.1152, 0.4337, 0.3462



25.1152, 0.2831, 0.4156

Complementary

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



25.1152, 0.2259, 0.2316



37.3733, 0.4172, 0.4079

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.



25.1152, 0.3444, 0.4442



25.1152, 0.2259, 0.2316



25.1152, 0.4342, 0.3939

Square

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



25.1152, 0.2259, 0.2316



25.1152, 0.3957, 0.2992



25.1152, 0.4001, 0.4321



25.1152, 0.2328, 0.3550

Rectangle

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



25.1152, 0.2259, 0.2316



25.1152, 0.3123, 0.2505



25.1152, 0.4001, 0.4321



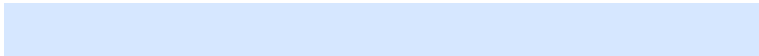
25.1152, 0.3031, 0.4298

Sweetspot

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



25.1161, 0.2259, 0.2316



78.7704, 0.2873, 0.3040



46.6475, 0.2697, 0.3970



16.3285, 0.2839, 0.3004



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.



25.1161, 0.2259, 0.2316



35.1109, 0.2084, 0.2064



15.3378, 0.2190, 0.1652



10.9984, 0.2983, 0.3151



6.7515, 0.1701, 0.1323



0.4619, 0.1817, 0.1741

Inverse Universe

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



22.4709, 0.3989, 0.2729



31.9013, 0.4282, 0.2642



53.8426, 0.3810, 0.4584



10.7087, 0.3226, 0.3195



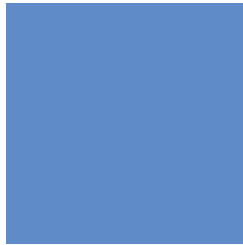
8.2216, 0.5295, 0.2690



0.4037, 0.4756, 0.2394

Previews

White Background



This preview shows how the Yxy color 25.1152, 0.2259, 0.2316 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 25.1152, 0.2259, 0.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

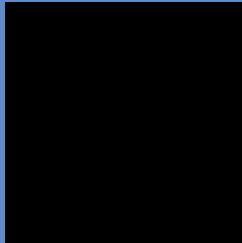
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

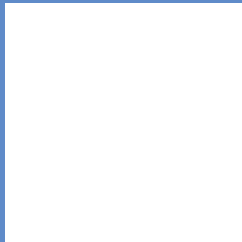
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1152, 0.2259, 0.2316

Background



This preview shows how black text looks on a background with the Yxy color 25.1152, 0.2259, 0.2316.

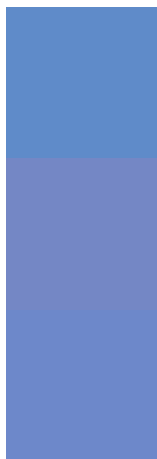


This preview shows how white text looks on a background with the Yxy color 25.1152, 0.2259, 0.2316.

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

25.1152, 0.2259, 0.2316

Protanopia

25.0722, 0.2418, 0.2336

Deuteranopia

25.1238, 0.2337, 0.2279



Tritanopia

25.0761, 0.2449, 0.3071

Trichromacy



Original Color

25.1152, 0.2259, 0.2316

Protanomaly

24.8737, 0.2354, 0.2326

Deuteranomaly

25.0986, 0.2306, 0.2286

Tritanomaly

24.9338, 0.2373, 0.2770

Monochromacy



Original Color

25.1152, 0.2259, 0.2316

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.7185, 0.2740, 0.2896

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1152, 0.2259, 0.2316 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(95, 139, 201)` looks like.

```
.text, #text, p{  
    color:rgb(95, 139, 201)  
}
```

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(95, 139, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 139, 201) }
```

Border

The CSS property to change the border of an element to Yxy 25.1152, 0.2259, 0.2316 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(95, 139, 201) }
```

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

```
.border{ border-color:rgb(95, 139, 201) }
```

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

Here you see how a box with a 4 pixel rgb(95, 139, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 139, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 139, 201);  
box-shadow:4px 4px 4px 4px rgb(95, 139,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1152, 0.2259, 0.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 139, 201) }
```

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

```
.background{ background-color: rgb(95, 139,  
201) }
```

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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