

Converting Colors

$Y_{xy}(25.0008, 0.2404, 0.2600)$

Have a look what the booklet for
Yxy(25.0008, 0.2404, 0.2600)
contains.

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Color

Yxy(25.0798, 0.2406, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	638DB6
RGB	99, 141, 182
RGB Percent	39%, 55%, 71%
CMY	0.6118, 0.4470, 0.2864
CMYK	0.46, 0.23, 0.00, 0.29
HSL	210°, 36%, 55%
HSV	210°, 46%, 71%
XYZ	23.1107, 25.0798, 47.8639
YIQ	133.1160, -38.1930, 3.8470

Conversions

Conversions Part 2

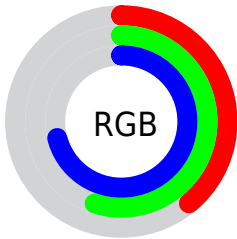
Format	Color
R_{YB}	99, 127, 182
Decimal	6524342
CIE _{Lab}	57.15, -3.24, -25.94
CIE _{LCh}	57, 26.146, 262.886
Yxy	25.0798, 0.2406, 0.2611
Android (android.graphics.Color)	4284714422 (0xFF638DB6)
YUV	133.1160, 24.0998, -29.9197
Hunter-Lab	50.0797, -5.2658, -21.6108

Details

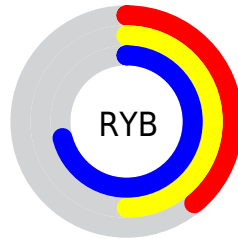
The Yxy color **25.0798, 0.2406, 0.2611** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.5859, 0.4047, 0.3874**, and the grayscale version is **23.4204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5289, 0.2550, 0.2745**, and **9.6250, 0.2165, 0.2372** is the 20% darker color. If you saturate the color by 10%, you get **21.6259, 0.2254, 0.2428**, and if you desaturate by 10%, it is **28.9814, 0.2565, 0.2784**.

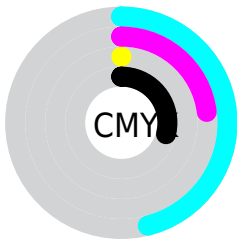
Distribution



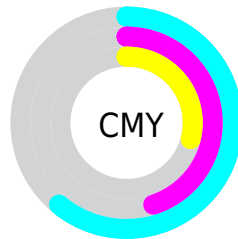
- Red (39%)
- Green (55%)
- Blue (71%)



- Red (39%)
- Yellow (50%)
- Blue (71%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0798, 0.2406, 0.2611 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 25.0798, 0.2406, 0.2611 by changing the saturation by 10% instead.

■ 25.0798, 0.2406,
0.2611

■ 25.0798, 0.2406,
0.2611

278.2351, 0.2793,
0.2980

■ 16.1365, 0.2301,
0.2510

■ 51.7867, 0.2553,
0.2752

■ 9.6208, 0.2163,
0.2375

■ 70.3190, 0.2606,
0.2803

■ 5.1483, 0.1972,
0.2187

■ 92.8165, 0.2650,
0.2845

■ 2.3345, 0.1695,
0.1911

■ 119.6636, 0.2688,
0.2880

■ 0.7919, 0.1258,
0.1479

151.2446, 0.2720,
0.2911

■ 0.0000, 0.0000,
0.0000

187.9439, 0.2748,

0.2937

230.1459, 0.2772,
0.2960

■ 25.0798, 0.2406,
0.2611

■ 25.0798, 0.2406,
0.2611

■ 21.6259, 0.2254,
0.2428

■ 28.9814, 0.2565,
0.2784

■ 18.5962, 0.2113,
0.2239

■ 33.3470, 0.2727,
0.2944

■ 15.9685, 0.1990,
0.2047

■ 38.1954, 0.2887,
0.3090

■ 13.7171, 0.1888,
0.1859

■ 43.5434, 0.3043,
0.3222

■ 11.8105, 0.1809,
0.1678

■ 49.4068, 0.3192,
0.3340

■ 11.0550, 0.1778,
0.1601

■ 55.8007, 0.3334,
0.3445

■ 62.7395, 0.3467,
0.3538

■ 70.2370, 0.3592,
0.3619

■ 76.8034, 0.3649,
0.3699

Harmonies

Analogous

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



25.0798, 0.2303, 0.2827



25.0798, 0.2406, 0.2611



25.0798, 0.2691, 0.2574

Triad

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



25.0798, 0.2406, 0.2611



25.0798, 0.3910, 0.3299



25.0798, 0.3092, 0.3995

Complementary

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



25.0798, 0.2406, 0.2611



29.5859, 0.4047, 0.3874

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.



25.0798, 0.3533, 0.4102



25.0798, 0.2406, 0.2611



25.0798, 0.4025, 0.3658

Square

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



25.0798, 0.2406, 0.2611



25.0798, 0.3565, 0.2959



25.0798, 0.3880, 0.3959



25.0798, 0.2679, 0.3647

Rectangle

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



25.0798, 0.2406, 0.2611



25.0798, 0.2961, 0.2642



25.0798, 0.3880, 0.3959



25.0798, 0.3242, 0.4061

Sweetspot

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



25.0807, 0.2406, 0.2611



70.5396, 0.2908, 0.3109



37.9641, 0.2796, 0.4001



15.1390, 0.2874, 0.3079



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.



25.0807, 0.2406, 0.2611



39.0270, 0.2249, 0.2422



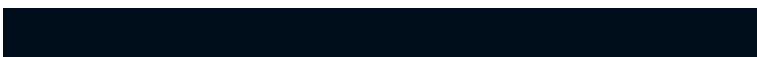
15.2148, 0.2283, 0.1911



9.4509, 0.2985, 0.3174



7.9427, 0.1784, 0.1621



0.4036, 0.1913, 0.2087

Inverse Universe

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



20.7872, 0.3706, 0.2698



31.4948, 0.3905, 0.2577



43.7239, 0.3800, 0.4375



9.0861, 0.3211, 0.3175



7.5842, 0.4905, 0.2476



0.2798, 0.4355, 0.2173

Previews

White Background



This preview shows how the Yxy color 25.0798, 0.2406, 0.2611 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 25.0798, 0.2406, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

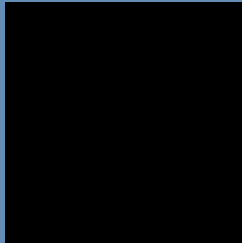
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

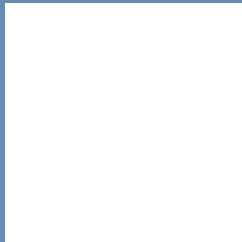
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0798, 0.2406, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 25.0798, 0.2406, 0.2611.



This preview shows how white text looks on a background with the Yxy color 25.0798, 0.2406, 0.2611.

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

25.0798, 0.2406, 0.2611

Protanopia

24.9023, 0.2630, 0.2603

Deuteranopia

25.0319, 0.2582, 0.2533



Tritanopia

24.9604, 0.2540, 0.3073

Trichromacy



Original Color

25.0798, 0.2406, 0.2611

Protanomaly

24.8590, 0.2548, 0.2608

Deuteranomaly

24.9551, 0.2511, 0.2551

Tritanomaly

25.1326, 0.2494, 0.2906

Monochromacy



Original Color

25.0798, 0.2406, 0.2611

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9076, 0.2823, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0798, 0.2406, 0.2611 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(99, 141, 182)` looks like.

```
.text, #text, p{  
    color:rgb(99, 141, 182)  
}
```

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(99, 141, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 141, 182) }
```

Border

The CSS property to change the border of an element to Yxy 25.0798, 0.2406, 0.2611 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(99, 141, 182) }
```

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

```
.border{ border-color:rgb(99, 141, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 141, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 141, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 141, 182);  
box-shadow:4px 4px 4px 4px rgb(99, 141,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0798, 0.2406, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 141, 182) }
```

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

```
.background{ background-color: rgb(99, 141,  
182) }
```

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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