

Converting Colors

$Y_{xy}(25.3592, 0.2424, 0.2362)$

Have a look what the booklet for
Yxy(25.3592, 0.2424, 0.2362)
contains.

Yxy(25.3068, 0.2427, 0.2365)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3068, 0.2427, 0.2365)

Conversions

Conversions Part 1

Format	Color
Hex	7488C4
RGB	116, 136, 196
RGB Percent	45%, 53%, 77%
CMY	0.5450, 0.4667, 0.2314
CMYK	0.41, 0.31, 0.00, 0.23
HSL	225°, 40%, 61%
HSV	225°, 41%, 77%
XYZ	25.9702, 25.3068, 55.7285
YIQ	136.8600, -31.1800, 14.4200

Conversions

Conversions Part 2

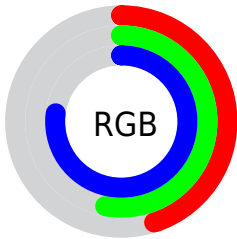
Format	Color
R _Y B	116, 132, 196
Decimal	7637188
CIE Lab	57.37, 8.19, -33.48
CIE LCh	57, 34.463, 283.744
Yxy	25.3068, 0.2427, 0.2365
Android (android.graphics.Color)	4285827268 (0xFF7488C4)
YUV	136.8600, 29.1560, -18.2942
Hunter-Lab	50.3059, 4.1148, -30.4669

Details

The Yxy color **25.3068, 0.2427, 0.2365** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.0451, 0.3825, 0.4066**, and the grayscale version is **24.8590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1450, 0.2571, 0.2543**, and **9.8261, 0.2195, 0.2086** is the 20% darker color. If you saturate the color by 10%, you get **20.2423, 0.2239, 0.2089**, and if you desaturate by 10%, it is **31.2245, 0.2613, 0.2626**.

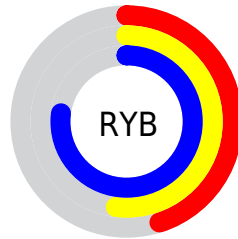
Distribution



Red (45%)

Green (53%)

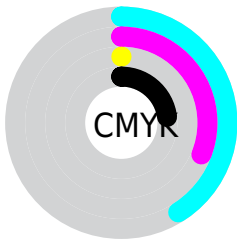
Blue (77%)



Red (45%)

Yellow (52%)

Blue (77%)

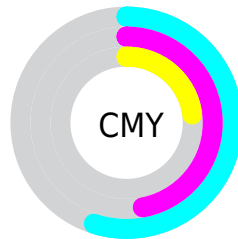


Cyan (41%)

Magenta (31%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (47%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3068, 0.2427, 0.2365 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 25.3068, 0.2427, 0.2365 by changing the saturation by 10% instead.

■ 25.3068, 0.2427,
0.2365

■ 25.3068, 0.2427,
0.2365

279.3624, 0.2804,
0.2850

■ 16.3058, 0.2325,
0.2239

■ 52.1545, 0.2570,
0.2545

■ 9.7408, 0.2191,
0.2076

■ 70.7700, 0.2622,
0.2612

■ 5.2274, 0.2008,
0.1857

■ 93.3591, 0.2665,
0.2668

■ 2.3813, 0.1745,
0.1555

120.3061, 0.2702,
0.2715

■ 0.8163, 0.1353,
0.1124

151.9956, 0.2733,
0.2756

■ 0.0000, 0.0000,
0.0000

188.8119, 0.2760,

0.2791

231.1394, 0.2783,
0.2822

■ 25.3068, 0.2427,
0.2365

■ 25.3068, 0.2427,
0.2365

■ 20.2423, 0.2239,
0.2089

■ 31.2245, 0.2613,
0.2626

■ 15.9873, 0.2058,
0.1805

■ 38.0305, 0.2792,
0.2866

■ 12.4980, 0.1893,
0.1528

■ 45.7616, 0.2960,
0.3083

■ 9.7252, 0.1753,
0.1271

■ 54.4513, 0.3115,
0.3276

■ 7.6131, 0.1647,
0.1048

■ 64.1317, 0.3257,
0.3445

■ 6.1790, 0.1578,
0.0882

■ 74.8331, 0.3384,
0.3593

■ 86.5846, 0.3499,
0.3722

■ 95.8795, 0.3481,
0.3857

■ 96.7646, 0.3478,
0.3870

Harmonies

Analogous

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



25.3068, 0.2137, 0.2468



25.3068, 0.2427, 0.2365



25.3068, 0.2919, 0.2470

Triad

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



25.3068, 0.2427, 0.2365



25.3068, 0.4299, 0.3603



25.3068, 0.2686, 0.3936

Complementary

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



25.3068, 0.2427, 0.2365



44.0451, 0.3825, 0.4066

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.



25.3068, 0.3245, 0.4319



25.3068, 0.2427, 0.2365



25.3068, 0.4196, 0.4034

Square

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



25.3068, 0.2427, 0.2365



25.3068, 0.4047, 0.3148



25.3068, 0.3801, 0.4326



25.3068, 0.2270, 0.3340

Rectangle

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



25.3068, 0.2427, 0.2365



25.3068, 0.3318, 0.2639



25.3068, 0.3801, 0.4326



25.3068, 0.2863, 0.4100

Sweetspot

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



25.3077, 0.2427, 0.2365



80.8707, 0.2938, 0.3054



46.3197, 0.2690, 0.3583



16.8975, 0.2916, 0.3027



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.



25.3077, 0.2427, 0.2365



37.5551, 0.2259, 0.2117



21.7152, 0.2557, 0.2106



10.1479, 0.2983, 0.3112



4.0882, 0.1585, 0.0904



0.2905, 0.1710, 0.1355

Inverse Universe

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



26.0063, 0.3889, 0.3024



39.8214, 0.4152, 0.2969



49.9616, 0.3554, 0.4353



10.1183, 0.3251, 0.3233



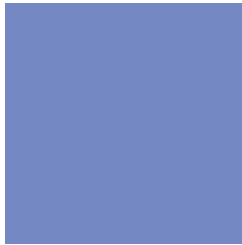
7.6949, 0.5905, 0.3027



0.3440, 0.5251, 0.2667

Previews

White Background



This preview shows how the Yxy color 25.3068, 0.2427, 0.2365 looks on a white background.

Color Contrast Check

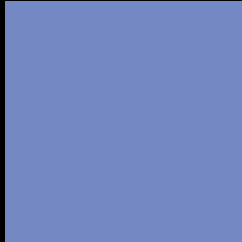
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3068, 0.2427, 0.2365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

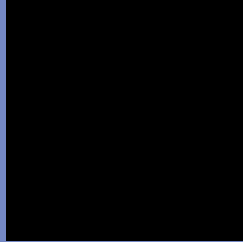
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

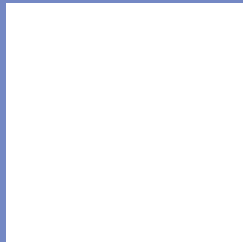
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3068, 0.2427, 0.2365

Background



This preview shows how black text looks on a background with the Yxy color 25.3068, 0.2427, 0.2365.



This preview shows how white text looks on a background with the Yxy color 25.3068, 0.2427, 0.2365.

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

25.3068, 0.2427, 0.2365

Protanopia

25.2354, 0.2448, 0.2354

Deuteranopia

25.2387, 0.2419, 0.2363



Tritanopia

25.3772, 0.2664, 0.3096

Trichromacy



Original Color

25.3068, 0.2427, 0.2365

Protanomaly

25.1650, 0.2440, 0.2353

Deuteranomaly

25.2387, 0.2419, 0.2363

Tritanomaly

25.2670, 0.2574, 0.2802

Monochromacy



Original Color

25.3068, 0.2427, 0.2365

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0271, 0.2840, 0.2941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3068, 0.2427, 0.2365 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(116, 136, 196)` looks like.

```
.text, #text, p{  
    color:rgb(116, 136, 196)  
}
```

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(116, 136, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 136, 196) }
```

Border

The CSS property to change the border of an element to Yxy 25.3068, 0.2427, 0.2365 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(116, 136, 196) }
```

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

```
.border{ border-color:rgb(116, 136, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 136, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 136, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 136, 196);  
box-shadow:4px 4px 4px 4px rgb(116, 136,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3068, 0.2427, 0.2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 136, 196) }
```

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

```
.background{ background-color: rgb(116,  
136, 196) }
```

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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