

Converting Colors

$Y_{xy}(25.7871, 0.2594, 0.2868)$

Have a look what the booklet for
Yxy(25.7871, 0.2594, 0.2868)
contains.

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Color

$\text{Yxy}(25.7871, 0.2594, 0.2868)$

Conversions

Conversions Part 1

Format	Color
Hex	6E8FA8
RGB	110, 143, 168
RGB Percent	43%, 56%, 66%
CMY	0.5686, 0.4392, 0.3411
CMYK	0.35, 0.15, 0.00, 0.34
HSL	206°, 25%, 55%
HSV	206°, 35%, 66%
XYZ	23.3235, 25.7871, 40.8026
YIQ	135.9830, -27.6930, 0.7790

Conversions

Conversions Part 2

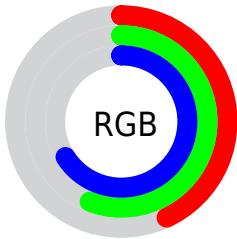
Format	Color
R_{YB}	110, 131, 168
Decimal	7245736
CIE _{Lab}	57.83, -5.22, -16.89
CIE _{LCh}	58, 17.679, 252.826
Yxy	25.7871, 0.2594, 0.2868
Android (android.graphics.Color)	4285435816 (0xFF6E8FA8)
YUV	135.9830, 15.7844, -22.7871
Hunter-Lab	50.7810, -6.8825, -12.0929

Details

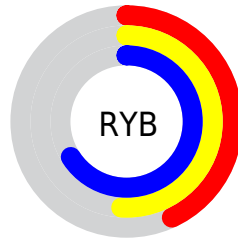
The Yxy color **25.7871, 0.2594, 0.2868** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **26.7919, 0.3791, 0.3675**, and the grayscale version is **24.5634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0467, 0.2704, 0.2965**, and **10.0195, 0.2405, 0.2717** is the 20% darker color. If you saturate the color by 10%, you get **22.7040, 0.2442, 0.2721**, and if you desaturate by 10%, it is **29.2172, 0.2750, 0.3005**.

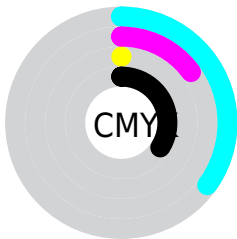
Distribution



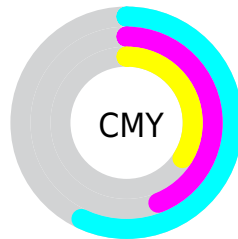
- Red (43%)
- Green (56%)
- Blue (66%)



- Red (43%)
- Yellow (51%)
- Blue (66%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (57%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7871, 0.2594, 0.2868 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 25.7871, 0.2594, 0.2868 by changing the saturation by 10% instead.

■ 25.7871, 0.2594,
0.2868

■ 25.7871, 0.2594,
0.2868

■ 281.7354, 0.2882,
0.3100

■ 16.6644, 0.2515,
0.2802

■ 52.9313, 0.2704,
0.2958

■ 9.9955, 0.2409,
0.2713

■ 71.7216, 0.2744,
0.2990

■ 5.3960, 0.2259,
0.2585

■ 94.5033, 0.2776,
0.3016

■ 2.4814, 0.2035,
0.2388

■ 121.6606, 0.2804,
0.3039

■ 0.8673, 0.1652,
0.2056

■ 153.5781, 0.2828,
0.3057

■ 0.0000, 0.0000,
0.0000

190.6402, 0.2848,

0.3074

233.2311, 0.2866,
0.3088

■ 25.7871, 0.2594,
0.2868

■ 25.7871, 0.2594,
0.2868

■ 22.7040, 0.2442,
0.2721

■ 29.2172, 0.2750,
0.3005

■ 19.9507, 0.2297,
0.2565

■ 33.0045, 0.2906,
0.3130

■ 17.5127, 0.2164,
0.2402

■ 37.1624, 0.3059,
0.3243

■ 15.3730, 0.2048,
0.2237

■ 41.7028, 0.3208,
0.3344

■ 13.5122, 0.1951,
0.2071

■ 46.6366, 0.3350,
0.3435

■ 11.9075, 0.1876,
0.1910

■ 51.9747, 0.3485,
0.3514

■ 11.1093, 0.1840,
0.1823

■ 57.7272, 0.3613,
0.3585

■ 63.9039, 0.3732,
0.3646

■ 69.3125, 0.3794,
0.3708

Harmonies

Analogous

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



25.7871, 0.2569, 0.3062



25.7871, 0.2594, 0.2868



25.7871, 0.2755, 0.2793

Triad

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



25.7871, 0.2594, 0.2868



25.7871, 0.3586, 0.3221



25.7871, 0.3213, 0.3794

Complementary

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



25.7871, 0.2594, 0.2868



26.7919, 0.3791, 0.3675

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.



25.7871, 0.3496, 0.3818



25.7871, 0.2594, 0.2868



25.7871, 0.3720, 0.3472

Square

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



25.7871, 0.2594, 0.2868



25.7871, 0.3325, 0.2996



25.7871, 0.3685, 0.3692



25.7871, 0.2916, 0.3614

Rectangle

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



25.7871, 0.2594, 0.2868



25.7871, 0.2922, 0.2813



25.7871, 0.3685, 0.3692



25.7871, 0.3313, 0.3820

Sweetspot

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



25.7881, 0.2594, 0.2868



63.0646, 0.2973, 0.3180



33.0547, 0.2895, 0.3866



13.5271, 0.2952, 0.3165



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.7881, 0.2594, 0.2868



42.6774, 0.2483, 0.2763



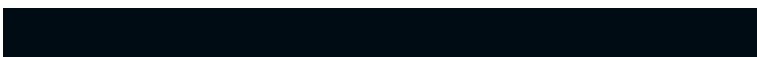
18.3715, 0.2529, 0.2369



7.9819, 0.2987, 0.3190



8.4906, 0.1844, 0.1839



0.3053, 0.1992, 0.2370

Inverse Universe

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



21.4656, 0.3472, 0.2792



34.2255, 0.3572, 0.2687



35.7133, 0.3657, 0.4069



7.6111, 0.3201, 0.3162



6.9282, 0.4639, 0.2329



0.1785, 0.4053, 0.2007

Previews

White Background



This preview shows how the Yxy color 25.7871, 0.2594, 0.2868 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 25.7871, 0.2594, 0.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

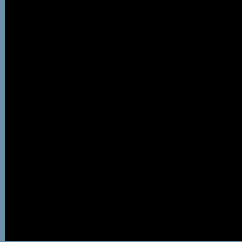
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

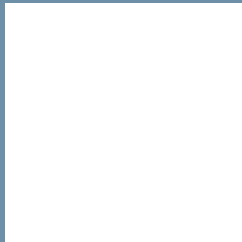
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.7871, 0.2594, 0.2868

Background



This preview shows how black text looks on a background with the Yxy color 25.7871, 0.2594, 0.2868.



This preview shows how white text looks on a background with the Yxy color 25.7871, 0.2594, 0.2868.

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

25.7871, 0.2594, 0.2868

Protanopia

25.5582, 0.2826, 0.2853

Deuteranopia

25.7448, 0.2801, 0.2751



Tritanopia

25.8109, 0.2658, 0.3080

Trichromacy



Original Color

25.7871, 0.2594, 0.2868

Protanomaly

25.5418, 0.2743, 0.2861

Deuteranomaly

25.8418, 0.2728, 0.2803

Tritanomaly

25.7079, 0.2633, 0.2997

Monochromacy



Original Color

25.7871, 0.2594, 0.2868

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1154, 0.2913, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7871, 0.2594, 0.2868 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(110, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(110, 143, 168)  
}
```

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(110, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 143, 168) }
```

Border

The CSS property to change the border of an element to Yxy 25.7871, 0.2594, 0.2868 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(110, 143, 168) }
```

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

```
.border{ border-color:rgb(110, 143, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 143, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(110, 143,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7871, 0.2594, 0.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 143, 168) }
```

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

```
.background{ background-color: rgb(110,  
143, 168) }
```

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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