

Converting Colors

$Y_{xy}(25.9393, 0.2649, 0.2741)$

Have a look what the booklet for
Yxy(25.9393, 0.2649, 0.2741)
contains.

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Color

Yxy(25.9497, 0.2644, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	7A8CAE
RGB	122, 140, 174
RGB Percent	48%, 55%, 68%
CMY	0.5214, 0.4510, 0.3176
CMYK	0.30, 0.20, 0.00, 0.32
HSL	219°, 24%, 58%
HSV	219°, 30%, 68%
XYZ	25.0497, 25.9497, 43.7422
YIQ	138.4940, -21.6420, 6.7580

Conversions

Conversions Part 2

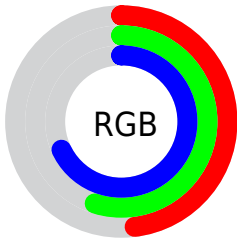
Format	Color
R_{YB}	122, 135, 174
Decimal	8031406
CIE _{Lab}	57.99, 1.65, -20.01
CIE _{LCh}	58, 20.074, 274.720
Yxy	25.9497, 0.2644, 0.2739
Android (android.graphics.Color)	4286221486 (0xFF7A8CAE)
YUV	138.4940, 17.5045, -14.4652
Hunter-Lab	50.9408, -1.3709, -15.2529

Details

The Yxy color $25.9497, 0.2644, 0.2739$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $34.2076, 0.3638, 0.3785$, and the grayscale version is $25.5555, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9671, 0.2738, 0.2842$, and $10.0952, 0.2474, 0.2538$ is the 20% darker color. If you saturate the color by 10%, you get $21.6330, 0.2469, 0.2516$, and if you desaturate by 10%, it is $30.8407, 0.2815, 0.2943$.

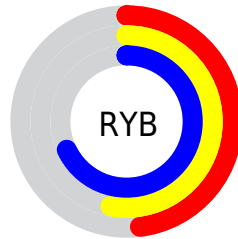
Distribution



Red (48%)

Green (55%)

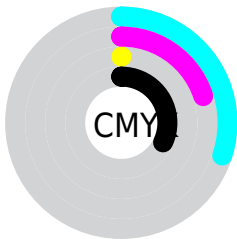
Blue (68%)



Red (48%)

Yellow (53%)

Blue (68%)

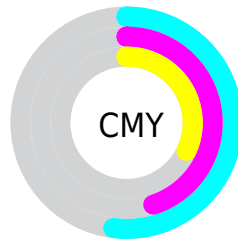


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9497, 0.2644, 0.2739 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 25.9497, 0.2644, 0.2739 by changing the saturation by 10% instead.

■ 25.9497, 0.2644,
0.2739

■ 25.9497, 0.2644,
0.2739

■ 282.5351, 0.2906,
0.3036

■ 16.7860, 0.2572,
0.2658

■ 53.1938, 0.2744,
0.2852

■ 10.0820, 0.2475,
0.2549

■ 72.0430, 0.2780,
0.2893

■ 5.4534, 0.2338,
0.2396

■ 94.8895, 0.2810,
0.2927

■ 2.5157, 0.2132,
0.2169

■ 122.1176, 0.2835,
0.2956

■ 0.8845, 0.1795,
0.1801

■ 154.1119, 0.2857,
0.2980

■ 0.0000, 0.0000,
0.0000

191.2566, 0.2875,

0.3001

233.9362, 0.2892,
0.3020

■ 25.9497, 0.2644,
0.2739

■ 25.9497, 0.2644,
0.2739

■ 21.6330, 0.2469,
0.2516

■ 30.8407, 0.2815,
0.2943

■ 17.8648, 0.2293,
0.2279

■ 36.3242, 0.2977,
0.3128

■ 14.6221, 0.2124,
0.2031

■ 42.4212, 0.3129,
0.3292

■ 11.8786, 0.1968,
0.1782

■ 49.1508, 0.3270,
0.3437

■ 9.6052, 0.1834,
0.1541

■ 56.5312, 0.3400,
0.3565

■ 7.7693, 0.1726,
0.1318

■ 64.5800, 0.3518,
0.3677

■ 6.3152, 0.1645,
0.1120

■ 73.3138, 0.3626,
0.3775

■ 6.2980, 0.1644,
0.1118

■ 81.5427, 0.3677,
0.3869

■ 88.1341, 0.3644,
0.3975

Harmonies

Analogous

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



25.9497, 0.2503, 0.2858



25.9497, 0.2644, 0.2739



25.9497, 0.2914, 0.2759

Triad

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



25.9497, 0.2644, 0.2739



25.9497, 0.3777, 0.3416



25.9497, 0.2974, 0.3730

Complementary

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



25.9497, 0.2644, 0.2739



34.2076, 0.3638, 0.3785

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.



25.9497, 0.3314, 0.3890



25.9497, 0.2644, 0.2739



25.9497, 0.3789, 0.3682

Square

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



25.9497, 0.2644, 0.2739



25.9497, 0.3579, 0.3137



25.9497, 0.3615, 0.3863



25.9497, 0.2685, 0.3431

Rectangle

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



25.9497, 0.2644, 0.2739



25.9497, 0.3140, 0.2842



25.9497, 0.3615, 0.3863



25.9497, 0.3086, 0.3803

Sweetspot

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



25.9507, 0.2644, 0.2739



66.6200, 0.2988, 0.3140



36.8145, 0.2833, 0.3577



14.4729, 0.2965, 0.3115



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.9507, 0.2644, 0.2739



41.6498, 0.2526, 0.2590



21.7192, 0.2688, 0.2454



8.1926, 0.2986, 0.3137



4.6683, 0.1650, 0.1138



0.2337, 0.1827, 0.1778

Inverse Universe

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



24.8234, 0.3554, 0.3026



39.6844, 0.3690, 0.2963



39.8166, 0.3494, 0.4041



8.0593, 0.3234, 0.3212



6.7743, 0.5555, 0.2834



0.1989, 0.4712, 0.2369

Previews

White Background



This preview shows how the Yxy color 25.9497, 0.2644, 0.2739 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 25.9497, 0.2644, 0.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

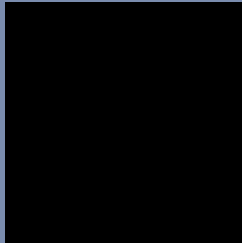
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

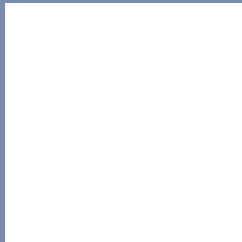
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9497, 0.2644, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 25.9497, 0.2644, 0.2739.

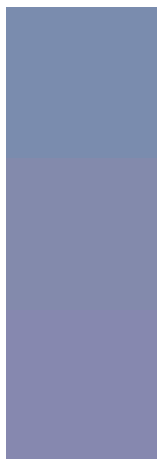


This preview shows how white text looks on a background with the Yxy color 25.9497, 0.2644, 0.2739.

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

25.9497, 0.2644, 0.2739

Protanopia

25.9808, 0.2739, 0.2748

Deuteranopia

25.7718, 0.2739, 0.2677



Tritanopia

25.8630, 0.2768, 0.3084

Trichromacy



Original Color

25.9497, 0.2644, 0.2739

Protanomaly

26.0716, 0.2704, 0.2745

Deuteranomaly

25.7323, 0.2703, 0.2687

Tritanomaly

25.8766, 0.2717, 0.2954

Monochromacy



Original Color

25.9497, 0.2644, 0.2739

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.7188, 0.2937, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9497, 0.2644, 0.2739 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(122, 140, 174)` looks like.

```
.text, #text, p{  
    color:rgb(122, 140, 174)  
}
```

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(122, 140, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 140, 174) }
```

Border

The CSS property to change the border of an element to Yxy 25.9497, 0.2644, 0.2739 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(122, 140, 174) }
```

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

```
.border{ border-color:rgb(122, 140, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 140, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 140, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 140, 174);  
box-shadow:4px 4px 4px 4px rgb(122, 140,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9497, 0.2644, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 140, 174) }
```

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

```
.background{ background-color: rgb(122,  
140, 174) }
```

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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