

Converting Colors

$Y_{xy}(25.8953, 0.2706, 0.2490)$

Have a look what the booklet for
Yxy(25.8953, 0.2706, 0.2490)
contains.

Yxy(25.9829, 0.2710, 0.2494)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.9829, 0.2710, 0.2494)

Conversions

Conversions Part 1

Format	Color
Hex	8D85BA
RGB	141, 133, 186
RGB Percent	55%, 52%, 73%
CMY	0.4470, 0.4784, 0.2707
CMYK	0.24, 0.28, 0.00, 0.27
HSL	249°, 28%, 63%
HSV	249°, 28%, 73%
XYZ	28.2332, 25.9829, 49.9655
YIQ	141.4340, -12.2450, 18.1790

Conversions

Conversions Part 2

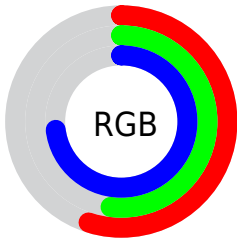
Format	Color
RYB	141, 133, 186
Decimal	9274810
CIELab	58.02, 14.56, -26.64
CIElCh	58, 30.361, 298.654
Yxy	25.9829, 0.2710, 0.2494
Android (android.graphics.Color)	4287464890 (0xFF8D85BA)
YUV	141.4340, 21.9710, -0.3806
Hunter-Lab	50.9734, 9.6643, -22.4362

Details

The Yxy color $25.9829, 0.2710, 0.2494$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $46.2610, 0.3478, 0.4009$, and the grayscale version is $26.7315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1307, 0.2797, 0.2650$, and $10.2078, 0.2561, 0.2250$ is the 20% darker color. If you saturate the color by 10%, you get $20.0475, 0.2530, 0.2166$, and if you desaturate by 10%, it is $33.0192, 0.2874, 0.2800$.

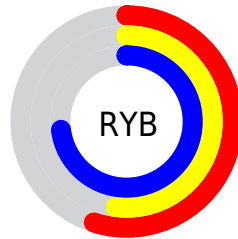
Distribution



Red (55%)

Green (52%)

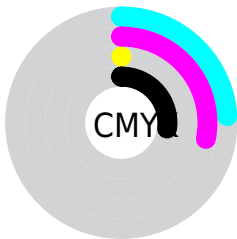
Blue (73%)



Red (55%)

Yellow (52%)

Blue (73%)

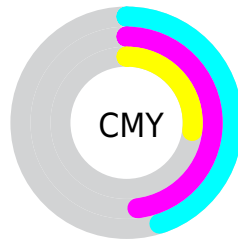


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9829, 0.2710, 0.2494 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 25.9829, 0.2710, 0.2494 by changing the saturation by 10% instead.

■ 25.9829, 0.2710,
0.2494

■ 25.9829, 0.2710,
0.2494

■ 282.6981, 0.2940,
0.2910

■ 16.8108, 0.2646,
0.2386

■ 53.2474, 0.2799,
0.2649

■ 10.0997, 0.2559,
0.2244

■ 72.1086, 0.2830,
0.2706

■ 5.4651, 0.2436,
0.2053

■ 94.9683, 0.2857,
0.2754

■ 2.5227, 0.2250,
0.1782

■ 122.2109, 0.2879,
0.2794

■ 0.8880, 0.1947,
0.1381

■ 154.2207, 0.2897,
0.2829

■ 0.0000, 0.0761,
0.0000

■ 191.3823, 0.2914,

■ 0.0000, 0.0000,

0.2859

0.0000

234.0800, 0.2928,
0.2886

■ 25.9829, 0.2710,
0.2494

■ 25.9829, 0.2710,
0.2494

■ 20.0475, 0.2530,
0.2166

■ 33.0192, 0.2874,
0.2800

■ 15.1540, 0.2339,
0.1828

■ 41.2052, 0.3019,
0.3078

■ 11.2427, 0.2145,
0.1497

■ 50.5903, 0.3145,
0.3326

■ 8.2464, 0.1959,
0.1193

■ 61.2205, 0.3254,
0.3544

■ 6.0893, 0.1794,
0.0941

■ 73.1391, 0.3348,
0.3736

■ 4.6834, 0.1664,
0.0758

■ 86.3872, 0.3428,
0.3902

■ 3.8889, 0.1573,
0.0648

■ 95.6699, 0.3514,
0.3975

■ 3.7922, 0.1562,
0.0634

■ 96.3240, 0.3538,
0.3969

Harmonies

Analogous

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



25.9829, 0.2355, 0.2494



25.9829, 0.2710, 0.2494



25.9829, 0.3207, 0.2669

Triad

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



25.9829, 0.2710, 0.2494



25.9829, 0.4147, 0.3774



25.9829, 0.2538, 0.3604

Complementary

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



25.9829, 0.2710, 0.2494



46.2610, 0.3478, 0.4009

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.



25.9829, 0.2985, 0.4049



25.9829, 0.2710, 0.2494



25.9829, 0.3923, 0.4100

Square

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



25.9829, 0.2710, 0.2494



25.9829, 0.4076, 0.3371



25.9829, 0.3493, 0.4227



25.9829, 0.2260, 0.3089

Rectangle

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



25.9829, 0.2710, 0.2494



25.9829, 0.3558, 0.2864



25.9829, 0.3493, 0.4227



25.9829, 0.2672, 0.3771

Sweetspot

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



25.9839, 0.2710, 0.2494



73.6535, 0.3010, 0.3060



40.3825, 0.2708, 0.3173



15.7163, 0.2989, 0.3021



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.9839, 0.2710, 0.2494



40.3356, 0.2602, 0.2297



28.5833, 0.2969, 0.2551



8.7829, 0.3007, 0.3055



2.5732, 0.1569, 0.0638



0.1114, 0.1774, 0.0751

Inverse Universe

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



30.4253, 0.3241, 0.2689



49.7255, 0.3270, 0.2560



43.4311, 0.3244, 0.4065



9.1388, 0.3160, 0.3098



8.6904, 0.3626, 0.1771



0.3127, 0.3503, 0.1703

Previews

White Background



This preview shows how the Yxy color 25.9829, 0.2710, 0.2494 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 25.9829, 0.2710, 0.2494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

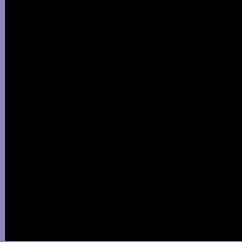
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9829, 0.2710, 0.2494

Background



This preview shows how black text looks on a background with the Yxy color 25.9829, 0.2710, 0.2494.



This preview shows how white text looks on a background with the Yxy color 25.9829, 0.2710, 0.2494.

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

25.9829, 0.2710, 0.2494

Protanopia

26.1362, 0.2544, 0.2501

Deuteranopia

25.9833, 0.2606, 0.2545



Tritanopia

26.0589, 0.2957, 0.3108

Trichromacy



Original Color

25.9829, 0.2710, 0.2494

Protanomaly

25.9850, 0.2599, 0.2493

Deuteranomaly

26.0976, 0.2648, 0.2538

Tritanomaly

25.8900, 0.2866, 0.2857

Monochromacy



Original Color

25.9829, 0.2710, 0.2494

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2740, 0.2972, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9829, 0.2710, 0.2494 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(141, 133, 186)` looks like.

```
.text, #text, p{  
    color:rgb(141, 133, 186)  
}
```

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(141, 133, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 133, 186) }
```

Border

The CSS property to change the border of an element to Yxy 25.9829, 0.2710, 0.2494 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(141, 133, 186) }
```

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

```
.border{ border-color:rgb(141, 133, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 133, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 133, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 133, 186);  
box-shadow:4px 4px 4px 4px rgb(141, 133,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9829, 0.2710, 0.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 133, 186) }
```

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

```
.background{ background-color: rgb(141,  
133, 186) }
```

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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