

Converting Colors

$Y_{xy}(25.4702, 0.2649, 0.2279)$

Have a look what the booklet for
Yxy(25.4702, 0.2649, 0.2279)
contains.

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Color

Yxy(25.5353, 0.2644, 0.2282)

Conversions

Conversions Part 1

Format	Color
Hex	9180C6
RGB	145, 128, 198
RGB Percent	57%, 50%, 78%
CMY	0.4314, 0.4980, 0.2236
CMYK	0.27, 0.35, 0.00, 0.22
HSL	255°, 38%, 64%
HSV	255°, 35%, 78%
XYZ	29.5860, 25.5353, 56.7774
YIQ	141.0630, -12.3380, 25.3740

Conversions

Conversions Part 2

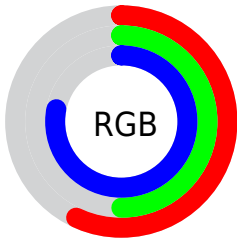
Format	Color
RYB	145, 128, 198
Decimal	9535686
CIELab	57.59, 21.65, -34.09
CIELCh	58, 40.385, 302.412
Yxy	25.5353, 0.2644, 0.2282
Android (android.graphics.Color)	4287725766 (0xFF9180C6)
YUV	141.0630, 28.0699, 3.4527
Hunter-Lab	50.5325, 16.0774, -31.2445

Details

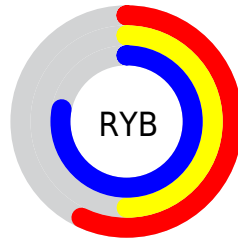
The Yxy color **25.5353, 0.2644, 0.2282** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.7551, 0.3506, 0.4207**, and the grayscale version is **26.5540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5471, 0.2746, 0.2471**, and **9.9327, 0.2472, 0.1989** is the 20% darker color. If you saturate the color by 10%, you get **19.5924, 0.2472, 0.1954**, and if you desaturate by 10%, it is **32.6674, 0.2802, 0.2597**.

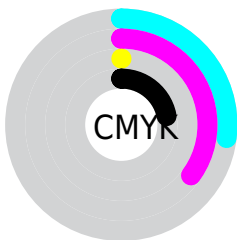
Distribution



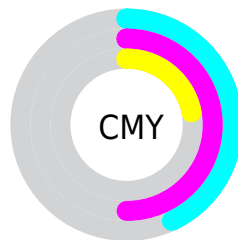
- Red (57%)
- Green (50%)
- Blue (78%)



- Red (57%)
- Yellow (50%)
- Blue (78%)



- Cyan (27%)
- Magenta (35%)
- Yellow (0%)
- Black (22%)





- Cyan (43%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5353, 0.2644, 0.2282 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 25.5353, 0.2644, 0.2282 by changing the saturation by 10% instead.


 25.5353, 0.2644,
0.2282


 25.5353, 0.2644,
0.2282


280.4934, 0.2912,
0.2798


 16.4763, 0.2569,
0.2152


 52.5243, 0.2747,
0.2471

 9.8618, 0.2469,
0.1985


 71.2231, 0.2784,
0.2542

 5.3074, 0.2328,
0.1766


 93.9040, 0.2815,
0.2601

 2.4288, 0.2120,
0.1469

120.9514, 0.2841,
0.2652

 0.8406, 0.1793,
0.1056

152.7496, 0.2862,
0.2696

 0.0000, 0.0960,
0.0000

189.6831, 0.2881,

 0.0000, 0.0000,

0.2734

0.0000

232.1362, 0.2898,
0.2768

■ 25.5353, 0.2644,
0.2282

■ 25.5353, 0.2644,
0.2282

■ 19.5924, 0.2472,
0.1954

■ 32.6674, 0.2802,
0.2597

■ 14.7699, 0.2291,
0.1628

■ 41.0464, 0.2944,
0.2891

■ 10.9963, 0.2111,
0.1322


■ 50.7297, 0.3068,
0.3159


■ 8.1908, 0.1941,
0.1058


■ 61.7704, 0.3175,
0.3398


■ 6.2598, 0.1794,
0.0854


■ 74.2185, 0.3267,
0.3610

 5.0901, 0.1678,
0.0720

 88.1215, 0.3345,
0.3797

 4.7061, 0.1634,
0.0674

 95.9061, 0.3432,
0.3857

 96.8559, 0.3466,
0.3850

Harmonies

Analogous

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



25.5353, 0.2166, 0.2243



25.5353, 0.2644, 0.2282



25.5353, 0.3312, 0.2529

Triad

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



25.5353, 0.2644, 0.2282



25.5353, 0.4458, 0.3950



25.5353, 0.2285, 0.3616

Complementary

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



25.5353, 0.2644, 0.2282



51.7551, 0.3506, 0.4207

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.



25.5353, 0.2838, 0.4276



25.5353, 0.2644, 0.2282



25.5353, 0.4101, 0.4385

Square

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



25.5353, 0.2644, 0.2282



25.5353, 0.4433, 0.3434



25.5353, 0.3503, 0.4556



25.5353, 0.1975, 0.2922

Rectangle

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



25.5353, 0.2644, 0.2282



25.5353, 0.3782, 0.2786



25.5353, 0.3503, 0.4556



25.5353, 0.2447, 0.3859

Sweetspot

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



25.5363, 0.2644, 0.2282



79.5829, 0.2998, 0.3006



41.9771, 0.2603, 0.3056



16.5394, 0.2980, 0.2969



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.



25.5363, 0.2644, 0.2282



37.3566, 0.2520, 0.2044



29.1379, 0.2978, 0.2372



10.4098, 0.3020, 0.3054



3.0953, 0.1645, 0.0680



0.1815, 0.1868, 0.0802

Inverse Universe

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



30.7780, 0.3343, 0.2615



48.0651, 0.3401, 0.2478



48.1058, 0.3220, 0.4296



10.7709, 0.3174, 0.3117



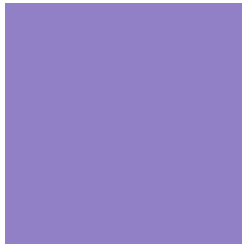
9.2520, 0.3930, 0.1938



0.4490, 0.3749, 0.1839

Previews

White Background



This preview shows how the Yxy color 25.5353, 0.2644, 0.2282 looks on a white background.

Color Contrast Check

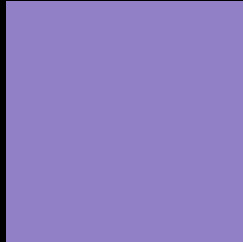
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5353, 0.2644, 0.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

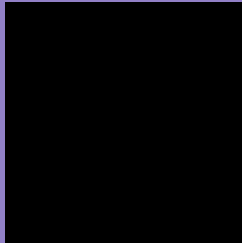
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5353, 0.2644, 0.2282

Background



This preview shows how black text looks on a background with the Yxy color 25.5353, 0.2644, 0.2282.



This preview shows how white text looks on a background with the Yxy color 25.5353, 0.2644, 0.2282.

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

25.5353, 0.2644, 0.2282

Protanopia

25.6609, 0.2362, 0.2254

Deuteranopia

25.6588, 0.2437, 0.2382



Tritanopia

25.5811, 0.2996, 0.3108

Trichromacy



Original Color

25.5353, 0.2644, 0.2282

Protanomaly

25.4749, 0.2459, 0.2265

Deuteranomaly

25.5934, 0.2503, 0.2342

Tritanomaly

25.3292, 0.2856, 0.2767

Monochromacy



Original Color

25.5353, 0.2644, 0.2282

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.9677, 0.2934, 0.2877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5353, 0.2644, 0.2282 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(145, 128, 198)` looks like.

```
.text, #text, p{  
    color:rgb(145, 128, 198)  
}
```

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(145, 128, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 128, 198) }
```

Border

The CSS property to change the border of an element to Yxy 25.5353, 0.2644, 0.2282 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(145, 128, 198) }
```

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

```
.border{ border-color:rgb(145, 128, 198) }
```

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

Here you see how a box with a 4 pixel rgb(145, 128, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 128, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 128, 198);  
box-shadow:4px 4px 4px 4px rgb(145, 128,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5353, 0.2644, 0.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 128, 198) }
```

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

```
.background{ background-color: rgb(145,  
128, 198) }
```

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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