

Converting Colors

$Y_{xy}(24.1443, 0.2809, 0.2659)$

Have a look what the booklet for
Yxy(24.1443, 0.2809, 0.2659)
contains.

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Color

$\text{Yxy}(24.1859, 0.2805, 0.2655)$

Conversions

Conversions Part 1	
Format	Color
Hex	8982AA
RGB	137, 130, 170
RGB Percent	54%, 51%, 67%
CMY	0.4628, 0.4902, 0.3333
CMYK	0.19, 0.24, 0.00, 0.33
HSL	250°, 19%, 59%
HSV	250°, 24%, 67%
XYZ	25.5523, 24.1859, 41.3574
YIQ	136.6530, -8.6680, 13.9240

Conversions

Conversions Part 2

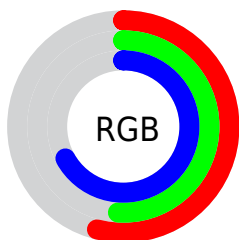
Format	Color
RYB	137, 130, 170
Decimal	9011882
CIELab	56.27, 11.18, -20.23
CIELCh	56, 23.115, 298.919
Yxy	24.1859, 0.2805, 0.2655
Android (android.graphics.Color)	4287201962 (0xFF8982AA)
YUV	136.6530, 16.4401, 0.3043
Hunter-Lab	49.1792, 6.6809, -15.4348

Details

The Yxy color $24.1859, 0.2805, 0.2655$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $38.1576, 0.3407, 0.3878$, and the grayscale version is $24.8173, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3796, 0.2880, 0.2789$, and $9.1713, 0.2673, 0.2439$ is the 20% darker color. If you saturate the color by 10%, you get $18.9210, 0.2639, 0.2341$, and if you desaturate by 10%, it is $30.3545, 0.2954, 0.2944$.

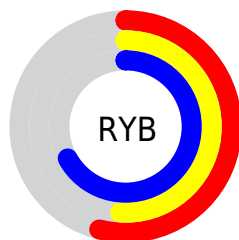
Distribution



Red (54%)

Green (51%)

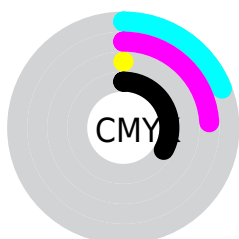
Blue (67%)



Red (54%)

Yellow (51%)

Blue (67%)

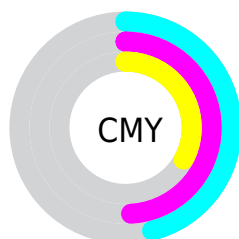


Cyan (19%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (46%)


Magenta (49%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1859, 0.2805, 0.2655 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 24.1859, 0.2805, 0.2655 by changing the saturation by 10% instead.


 24.1859, 0.2805,
0.2655


 24.1859, 0.2805,
0.2655


273.7590, 0.2985,
0.2995


 15.4716, 0.2753,
0.2563


 50.3334, 0.2875,
0.2784

 9.1510, 0.2682,
0.2440


 68.5354, 0.2900,
0.2831

 4.8398, 0.2579,
0.2269


 90.6686, 0.2921,
0.2869

 2.1536, 0.2417,
0.2016

117.1177, 0.2938,
0.2902

 0.6945, 0.2140,
0.1588

148.2668, 0.2952,
0.2930


 0.0000, 0.0000,
0.0000


184.5005, 0.2965,

0.2955


226.2031, 0.2975,
0.2976


 24.1859, 0.2805,
0.2655


 24.1859, 0.2805,
0.2655


 18.9210, 0.2639,
0.2341


 30.3545, 0.2954,
0.2944


 14.5142, 0.2458,
0.2012


 37.4636, 0.3085,
0.3205


 10.9205, 0.2269,
0.1679

 45.5516, 0.3199,
0.3437

 8.0894, 0.2081,
0.1362

 54.6537, 0.3296,
0.3641

 5.9649, 0.1905,
0.1083

 64.8035, 0.3380,
0.3819

■ 4.4828, 0.1754,
0.0862

■ 76.0330, 0.3451,
0.3975

■ 3.5673, 0.1638,
0.0713

■ 88.3729, 0.3511,
0.4111

■ 3.1727, 0.1582,
0.0645

■ 94.6188, 0.3593,
0.4136

■ 95.6827, 0.3632,
0.4124

Harmonies

Analogous

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



24.1859, 0.2517, 0.2659



24.1859, 0.2805, 0.2655



24.1859, 0.3198, 0.2796

Triad

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



24.1859, 0.2805, 0.2655



24.1859, 0.3923, 0.3687



24.1859, 0.2664, 0.3531

Complementary

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



24.1859, 0.2805, 0.2655



38.1576, 0.3407, 0.3878

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.



24.1859, 0.3019, 0.3868



24.1859, 0.2805, 0.2655



24.1859, 0.3753, 0.3933

Square

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



24.1859, 0.2805, 0.2655



24.1859, 0.3866, 0.3368



24.1859, 0.3418, 0.4013



24.1859, 0.2439, 0.3139

Rectangle

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



24.1859, 0.2805, 0.2655



24.1859, 0.3469, 0.2956



24.1859, 0.3418, 0.4013



24.1859, 0.2771, 0.3658

Sweetspot

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



24.1869, 0.2805, 0.2655



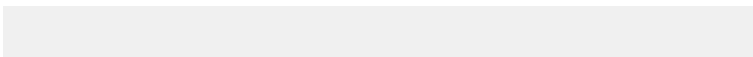
63.1218, 0.3040, 0.3114



33.9665, 0.2778, 0.3186



13.9098, 0.3033, 0.3100



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



24.1869, 0.2805, 0.2655



38.9217, 0.2724, 0.2502



26.0065, 0.3010, 0.2692



7.3610, 0.3012, 0.3059



2.3513, 0.1589, 0.0649



0.0749, 0.1864, 0.0801

Inverse Universe

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



27.1615, 0.3227, 0.2811



45.2597, 0.3253, 0.2708



36.2364, 0.3218, 0.3914



7.6439, 0.3163, 0.3105



7.6955, 0.3695, 0.1809



0.1930, 0.3510, 0.1707

Previews

White Background



This preview shows how the Yxy color 24.1859, 0.2805, 0.2655 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 24.1859, 0.2805, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

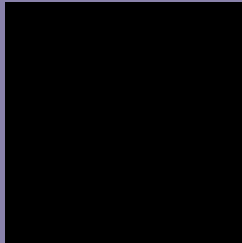
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1859, 0.2805, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 24.1859, 0.2805, 0.2655.



This preview shows how white text looks on a background with the Yxy color 24.1859, 0.2805, 0.2655.

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

24.1859, 0.2805, 0.2655

Protanopia

24.1136, 0.2675, 0.2655

Deuteranopia

24.1506, 0.2738, 0.2676



Tritanopia

24.3588, 0.3004, 0.3121

Trichromacy



Original Color
24.1859, 0.2805, 0.2655

Protanomaly
24.1099, 0.2720, 0.2660

Deuteranomaly
24.1214, 0.2766, 0.2664

Tritanomaly
24.1765, 0.2926, 0.2941

Monochromacy



Original Color
24.1859, 0.2805, 0.2655

Achromatopsia
25.0158, 0.3127, 0.3290

Achromatomaly
24.5385, 0.3007, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1859, 0.2805, 0.2655 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(137, 130, 170)` looks like.

```
.text, #text, p{  
    color:rgb(137, 130, 170)  
}
```

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(137, 130, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 130, 170) }
```

Border

The CSS property to change the border of an element to Yxy 24.1859, 0.2805, 0.2655 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(137, 130, 170) }
```

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

```
.border{ border-color:rgb(137, 130, 170) }
```

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

Here you see how a box with a 4 pixel rgb(137, 130, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 130, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 130, 170);  
box-shadow:4px 4px 4px 4px rgb(137, 130,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1859, 0.2805, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 130, 170) }
```

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

```
.background{ background-color: rgb(137,  
130, 170) }
```

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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