

Converting Colors

$Y_{xy}(23.4229, 0.2982, 0.2845)$

Have a look what the booklet for
Yxy(23.4229, 0.2982, 0.2845)
contains.

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Color

Yxy(23.3803, 0.2979, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	8C809B
RGB	140, 128, 155
RGB Percent	55%, 50%, 61%
CMY	0.4511, 0.4980, 0.3921
CMYK	0.10, 0.17, 0.00, 0.39
HSL	267°, 12%, 55%
HSV	267°, 17%, 61%
XYZ	24.4471, 23.3803, 34.2375
YIQ	134.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

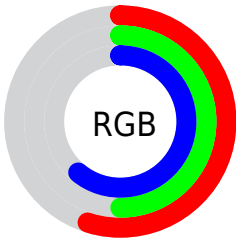
Format	Color
R_{YB}	140, 128, 155
Decimal	9207963
CIE _{Lab}	55.46, 9.95, -12.79
CIE _{LCh}	55, 16.208, 307.891
Yxy	23.3803, 0.2979, 0.2849
Android (android.graphics.Color)	4287398043 (0xFF8C809B)
YUV	134.6660, 10.0247, 4.6779
Hunter-Lab	48.3532, 5.6307, -8.1343

Details

The Yxy color $23.3803, 0.2979, 0.2849$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $30.8481, 0.3257, 0.3727$, and the grayscale version is $24.0603, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.1205, 0.3019, 0.2949$, and $8.7651, 0.2921, 0.2692$ is the 20% darker color. If you saturate the color by 10%, you get $18.9205, 0.2876, 0.2569$, and if you desaturate by 10%, it is $28.5187, 0.3069, 0.3110$.

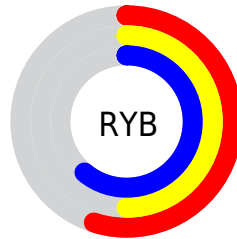
Distribution



Red (55%)

Green (50%)

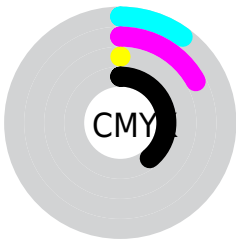
Blue (61%)



Red (55%)

Yellow (50%)

Blue (61%)

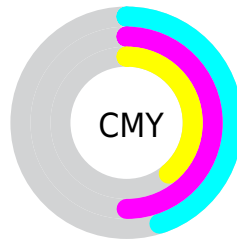


Cyan (10%)

Magenta (17%)

Yellow (0%)

Black (39%)



Cyan (45%)


Magenta (50%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.3803, 0.2979, 0.2849 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 23.3803, 0.2979, 0.2849 by changing the saturation by 10% instead.


 23.3803, 0.2979,
0.2849


 23.3803, 0.2979,
0.2849


269.6723, 0.3063,
0.3089


 14.8746, 0.2954,
0.2782


 49.0170, 0.3013,
0.2941

 8.7314, 0.2918,
0.2692


 66.9168, 0.3024,
0.2974

 4.5664, 0.2866,
0.2562

 88.7167, 0.3034,
0.3001

 1.9952, 0.2779,
0.2364

114.8012, 0.3042,
0.3024

 0.6047, 0.2635,
0.1949

145.5546, 0.3048,
0.3044

 0.0000, 0.0000,
0.0000

181.3613, 0.3054,

0.3061

222.6058, 0.3059,
0.3076

■ 23.3803, 0.2979,
0.2849

■ 23.3803, 0.2979,
0.2849

■ 18.9205, 0.2876,
0.2569

■ 28.5187, 0.3069,
0.3110

■ 15.1071, 0.2759,
0.2276

■ 34.3603, 0.3146,
0.3350

■ 11.9095, 0.2631,
0.1977

■ 40.9318, 0.3211,
0.3567

■ 9.2936, 0.2493,
0.1686

■ 48.2580, 0.3267,
0.3762

■ 7.2218, 0.2351,
0.1416

■ 56.3621, 0.3313,
0.3936

■ 5.6518, 0.2211,
0.1183

■ 65.2667, 0.3351,
0.4091

■ 4.5347, 0.2078,
0.1000

■ 74.9931, 0.3383,
0.4229

■ 3.7891, 0.1960,
0.0868

■ 85.5622, 0.3410,
0.4352

■ 3.6194, 0.1930,
0.0837

■ 88.7439, 0.3461,
0.4357

Harmonies

Analogous

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



23.3803, 0.2741, 0.2822



23.3803, 0.2979, 0.2849



23.3803, 0.3268, 0.2981

Triad

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



23.3803, 0.2979, 0.2849



23.3803, 0.3672, 0.3643



23.3803, 0.2736, 0.3380

Complementary

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



23.3803, 0.2979, 0.2849



30.8481, 0.3257, 0.3727

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.



23.3803, 0.2972, 0.3632



23.3803, 0.2979, 0.2849



23.3803, 0.3514, 0.3779

Square

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



23.3803, 0.2979, 0.2849



23.3803, 0.3678, 0.3425



23.3803, 0.3256, 0.3781



23.3803, 0.2606, 0.3114

Rectangle

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



23.3803, 0.2979, 0.2849



23.3803, 0.3450, 0.3112



23.3803, 0.3256, 0.3781



23.3803, 0.2805, 0.3471

Sweetspot

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



23.3813, 0.2979, 0.2849



53.3789, 0.3088, 0.3168



26.6950, 0.2863, 0.3095



11.9328, 0.3083, 0.3152



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



23.3813, 0.2979, 0.2849



38.5357, 0.2939, 0.2739



24.6010, 0.3126, 0.2868



6.1535, 0.3054, 0.3065



2.9288, 0.1939, 0.0842



0.0649, 0.2427, 0.1111

Inverse Universe

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



24.3957, 0.3278, 0.3052



40.7333, 0.3320, 0.2995



29.7350, 0.3123, 0.3745



6.2774, 0.3201, 0.3167



6.1491, 0.4678, 0.2351



0.0992, 0.3923, 0.1935

Previews

White Background



This preview shows how the Yxy color 23.3803, 0.2979, 0.2849 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 23.3803, 0.2979, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

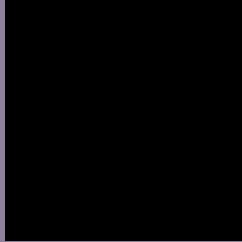
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3803, 0.2979, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 23.3803, 0.2979, 0.2849.



This preview shows how white text looks on a background with the Yxy color 23.3803, 0.2979, 0.2849.

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

23.3803, 0.2979, 0.2849

Protanopia

23.5260, 0.2835, 0.2870

Deuteranopia

23.4827, 0.2926, 0.2876



Tritanopia

23.2916, 0.3102, 0.3104

Trichromacy



Original Color

23.3803, 0.2979, 0.2849

Protanomaly

23.5384, 0.2885, 0.2873

Deuteranomaly

23.3854, 0.2947, 0.2862

Tritanomaly

23.2648, 0.3061, 0.3006

Monochromacy



Original Color

23.3803, 0.2979, 0.2849

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7739, 0.3079, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3803, 0.2979, 0.2849 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(140, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(140, 128, 155)  
}
```

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(140, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 128, 155) }
```

Border

The CSS property to change the border of an element to Yxy 23.3803, 0.2979, 0.2849 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(140, 128, 155) }
```

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

```
.border{ border-color:rgb(140, 128, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 128, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(140, 128,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3803, 0.2979, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 128, 155) }
```

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

```
.background{ background-color: rgb(140,  
128, 155) }
```

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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