

Converting Colors

$Y_{xy}(18.8761, 0.3098, 0.2717)$

Have a look what the booklet for
Yxy(18.8761, 0.3098, 0.2717)
contains.

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Color

Yxy(18.9579, 0.3103, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	8C6F90
RGB	140, 111, 144
RGB Percent	55%, 44%, 56%
CMY	0.4510, 0.5647, 0.4354
CMYK	0.03, 0.23, 0.00, 0.44
HSL	293°, 13%, 50%
HSV	293°, 23%, 56%
XYZ	21.5323, 18.9579, 28.9018
YIQ	123.4330, 6.6910, 16.4110

Conversions

Conversions Part 2

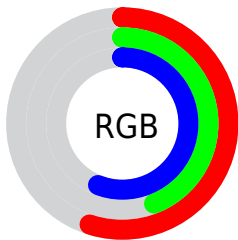
Format	Color
R_{YB}	140, 111, 144
Decimal	9203600
CIE _{Lab}	50.64, 17.57, -13.64
CIE _{LCh}	51, 22.245, 322.178
Yxy	18.9579, 0.3103, 0.2732
Android (android.graphics.Color)	4287393680 (0xFF8C6F90)
YUV	123.4330, 10.1395, 14.5293
Hunter-Lab	43.5407, 12.0782, -8.8775

Details

The Yxy color $18.9579, 0.3103, 0.2732$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.7323, 0.3140, 0.3901$, and the grayscale version is $19.9222, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.7409, 0.3111, 0.2852$, and $6.4870, 0.3065, 0.2512$ is the 20% darker color. If you saturate the color by 10%, you get $15.9159, 0.3087, 0.2482$, and if you desaturate by 10%, it is $22.5105, 0.3115, 0.2981$.

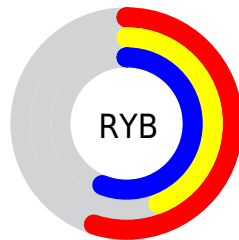
Distribution



Red (55%)

Green (44%)

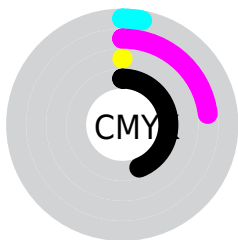
Blue (56%)



Red (55%)

Yellow (44%)

Blue (56%)

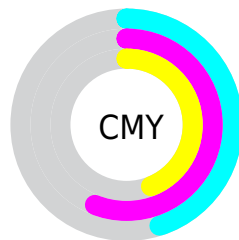


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (44%)



Cyan (45%)


Magenta (56%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9579, 0.3103, 0.2732 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 18.9579, 0.3103, 0.2732 by changing the saturation by 10% instead.


 18.9579, 0.3103,
0.2732


 18.9579, 0.3103,
0.2732

246.2162, 0.3121,
0.3041


 11.6399, 0.3095,
0.2644


 41.6629, 0.3112,
0.2852

 6.4990, 0.3083,
0.2522


 57.8187, 0.3114,
0.2895

 3.1508, 0.3061,
0.2346

 77.6893, 0.3116,
0.2930

 1.2110, 0.3015,
0.2069

 101.6589, 0.3118,
0.2959

 0.0706, 0.3103,
0.0442

130.1120, 0.3119,
0.2984

 0.0000, 0.0000,
0.0000

163.4330, 0.3120,

0.3005

202.0063, 0.3121,
0.3024

■ 18.9579, 0.3103,
0.2732

■ 18.9579, 0.3103,
0.2732

■ 15.9159, 0.3087,
0.2482

■ 22.5105, 0.3115,
0.2981

■ 13.3576, 0.3068,
0.2239

■ 26.5937, 0.3125,
0.3222

■ 11.2578, 0.3046,
0.2012


■ 31.2296, 0.3132,
0.3452

■ 9.5877, 0.3021,
0.1810


■ 36.4383, 0.3137,
0.3667

■ 8.3153, 0.2994,
0.1641


■ 42.2389, 0.3139,
0.3866

 7.4042, 0.2964,
0.1512

 48.6495, 0.3141,
0.4048

 6.8113, 0.2934,
0.1425

 55.6876, 0.3141,
0.4215

 6.4945, 0.2912,
0.1378

 63.3699, 0.3140,
0.4365

 71.7124, 0.3139,
0.4502

Harmonies

Analogous

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



18.9579, 0.2711, 0.2616



18.9579, 0.3103, 0.2732



18.9579, 0.3527, 0.2973

Triad

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



18.9579, 0.3103, 0.2732



18.9579, 0.3838, 0.3913



18.9579, 0.2448, 0.3220

Complementary

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



18.9579, 0.3103, 0.2732



24.7323, 0.3140, 0.3901

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.



18.9579, 0.2717, 0.3632



18.9579, 0.3103, 0.2732



18.9579, 0.3518, 0.4046

Square

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



18.9579, 0.3103, 0.2732



18.9579, 0.3966, 0.3631



18.9579, 0.3107, 0.3950



18.9579, 0.2353, 0.2865

Rectangle

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



18.9579, 0.3103, 0.2732



18.9579, 0.3763, 0.3181



18.9579, 0.3107, 0.3950



18.9579, 0.2520, 0.3358

Sweetspot

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



18.9587, 0.3103, 0.2732



43.7463, 0.3121, 0.3121



17.7464, 0.2760, 0.2757



9.9490, 0.3121, 0.3109



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



18.9587, 0.3103, 0.2732



30.8421, 0.3096, 0.2616



18.9607, 0.3302, 0.2934



5.4785, 0.3119, 0.3072



5.6639, 0.2914, 0.1379



0.0602, 0.3069, 0.1464

Inverse Universe

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



18.5352, 0.3524, 0.3221



29.9868, 0.3631, 0.3207



24.7530, 0.2986, 0.3675



5.4340, 0.3264, 0.3264



5.2017, 0.6208, 0.3194



0.0514, 0.5499, 0.2803

Previews

White Background



This preview shows how the Yxy color 18.9579, 0.3103, 0.2732 looks on a white background.

Color Contrast Check

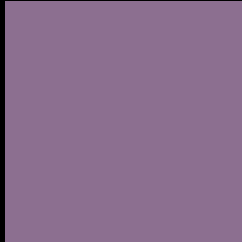
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9579, 0.3103, 0.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

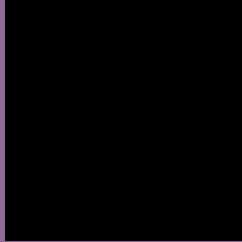
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9579, 0.3103, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 18.9579, 0.3103, 0.2732.



This preview shows how white text looks on a background with the Yxy color 18.9579, 0.3103, 0.2732.

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

18.9579, 0.3103, 0.2732

Protanopia

19.2124, 0.2740, 0.2748

Deuteranopia

19.0776, 0.2897, 0.2840



Tritanopia

19.0351, 0.3303, 0.3131

Trichromacy



Original Color

18.9579, 0.3103, 0.2732

Protanomaly

19.0717, 0.2856, 0.2740

Deuteranomaly

18.9118, 0.2978, 0.2796

Tritanomaly

19.0766, 0.3231, 0.2993

Monochromacy



Original Color

18.9579, 0.3103, 0.2732

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.4995, 0.3113, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9579, 0.3103, 0.2732 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, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 144)  
}
```

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, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 144) }
```

Border

The CSS property to change the border of an element to Yxy 18.9579, 0.3103, 0.2732 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, 111, 144) }
```

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

```
.border{ border-color:rgb(140, 111, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 144);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9579, 0.3103, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 144) }
```

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

```
.background{ background-color: rgb(140,  
111, 144) }
```

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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