

Converting Colors

$Y_{xy}(19.1770, 0.2848, 0.2331)$

Have a look what the booklet for
Yxy(19.1770, 0.2848, 0.2331)
contains.

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Color

Yxy(19.2150, 0.2850, 0.2339)

Conversions

Conversions Part 1

Format	Color
Hex	8D6CA8
RGB	141, 108, 168
RGB Percent	55%, 42%, 66%
CMY	0.4471, 0.5764, 0.3412
CMYK	0.16, 0.36, 0.00, 0.34
HSL	273°, 26%, 54%
HSV	273°, 36%, 66%
XYZ	23.4129, 19.2150, 39.5226
YIQ	124.7070, 0.4080, 25.6560

Conversions

Conversions Part 2

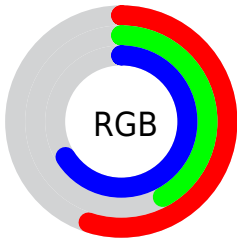
Format	Color
R_{YB}	141, 108, 168
Decimal	9268392
CIE _{Lab}	50.94, 24.91, -27.26
CIE _{LCh}	51, 36.923, 312.419
Yxy	19.2150, 0.2850, 0.2339
Android (android.graphics.Color)	4287458472 (0xFF8D6CA8)
YUV	124.7070, 21.3434, 14.2890
Hunter-Lab	43.8349, 18.6284, -22.7728

Details

The Yxy color **19.2150, 0.2850, 0.2339** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **34.2434, 0.3324, 0.4262**, and the grayscale version is **20.3318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0714, 0.2918, 0.2537**, and **6.6663, 0.2724, 0.2021** is the 20% darker color. If you saturate the color by 10%, you get **15.3659, 0.2747, 0.2053**, and if you desaturate by 10%, it is **23.7939, 0.2942, 0.2623**.

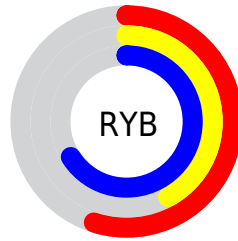
Distribution



Red (55%)

Green (42%)

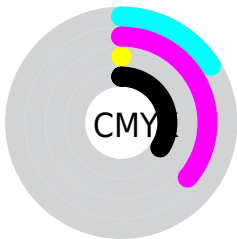
Blue (66%)



Red (55%)

Yellow (42%)

Blue (66%)

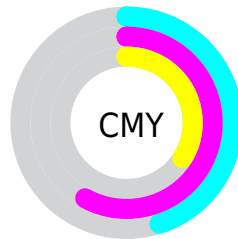


Cyan (16%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (45%)


Magenta (58%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.2150, 0.2850, 0.2339 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 19.2150, 0.2850, 0.2339 by changing the saturation by 10% instead.


 19.2150, 0.2850,
0.2339

 19.2150, 0.2850,
0.2339


247.6331, 0.3017,
0.2848

 11.8257, 0.2797,
0.2202


 42.0971, 0.2918,
0.2531

 6.6251, 0.2721,
0.2021


 58.3587, 0.2942,
0.2602

 3.2288, 0.2606,
0.1773

 78.3465, 0.2960,
0.2660

 1.2523, 0.2414,
0.1418

 102.4450, 0.2976,
0.2709

 0.1038, 0.2168,
0.0318

131.0385, 0.2989,
0.2751

 0.0000, 0.0000,
0.0000

164.5114, 0.2999,

0.2788

203.2482, 0.3009,
0.2820

■ 19.2150, 0.2850,
0.2339

■ 19.2150, 0.2850,
0.2339

■ 15.3659, 0.2747,
0.2053

■ 23.7939, 0.2942,
0.2623

■ 12.2038, 0.2635,
0.1774

■ 29.1373, 0.3023,
0.2896

■ 9.6855, 0.2518,
0.1517


■ 35.2806, 0.3092,
0.3152


■ 7.7610, 0.2399,
0.1295


■ 42.2559, 0.3151,
0.3389

■ 6.3733, 0.2283,
0.1119

■ 50.0940, 0.3201,
0.3606


 5.4479, 0.2175,
0.0993

 58.8238, 0.3242,
0.3801

 5.1199, 0.2130,
0.0947

 68.4729, 0.3276,
0.3977

 79.0676, 0.3304,
0.4135

 87.9151, 0.3333,
0.4238

Harmonies

Analogous

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



19.2150, 0.2295, 0.2226



19.2150, 0.2850, 0.2339



19.2150, 0.3553, 0.2647

Triad

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



19.2150, 0.2850, 0.2339



19.2150, 0.4382, 0.4114



19.2150, 0.2147, 0.3371

Complementary

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



19.2150, 0.2850, 0.2339



34.2434, 0.3324, 0.4262

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.



19.2150, 0.2630, 0.4088



19.2150, 0.2850, 0.2339



19.2150, 0.3923, 0.4488

Square

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



19.2150, 0.2850, 0.2339



19.2150, 0.4497, 0.3609



19.2150, 0.3280, 0.4525



19.2150, 0.1927, 0.2730

Rectangle

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



19.2150, 0.2850, 0.2339



19.2150, 0.4000, 0.2933



19.2150, 0.3280, 0.4525



19.2150, 0.2281, 0.3618

Sweetspot

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



19.2158, 0.2850, 0.2339



57.7129, 0.3055, 0.3014



23.6265, 0.2561, 0.2743



12.2712, 0.3046, 0.2980



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



19.2158, 0.2850, 0.2339



29.1247, 0.2768, 0.2107



21.8059, 0.3191, 0.2450



7.4961, 0.3069, 0.3063



3.8969, 0.2140, 0.0952



0.1245, 0.2493, 0.1147

Inverse Universe

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



20.8027, 0.3582, 0.2878



32.5817, 0.3731, 0.2784



32.3217, 0.3063, 0.4303



7.5964, 0.3218, 0.3189



6.6872, 0.5129, 0.2599



0.1731, 0.4343, 0.2166

Previews

White Background



This preview shows how the Yxy color 19.2150, 0.2850, 0.2339 looks on a white background.

Color Contrast Check

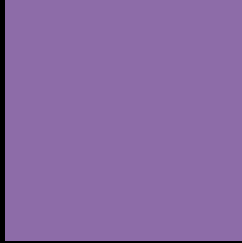
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2150, 0.2850, 0.2339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

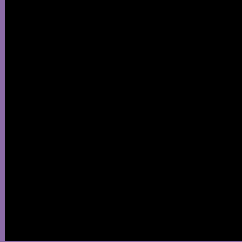
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2150, 0.2850, 0.2339

Background



This preview shows how black text looks on a background with the Yxy color 19.2150, 0.2850, 0.2339.



This preview shows how white text looks on a background with the Yxy color 19.2150, 0.2850, 0.2339.

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

19.2150, 0.2850, 0.2339

Protanopia

19.4908, 0.2409, 0.2320

Deuteranopia

19.3743, 0.2539, 0.2486



Tritanopia

19.2973, 0.3237, 0.3129

Trichromacy



Original Color

19.2150, 0.2850, 0.2339

Protanomaly

19.3287, 0.2550, 0.2323

Deuteranomaly

19.2739, 0.2640, 0.2427

Tritanomaly

19.2761, 0.3099, 0.2825

Monochromacy



Original Color

19.2150, 0.2850, 0.2339

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9420, 0.3024, 0.2904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2150, 0.2850, 0.2339 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, 108, 168)` looks like.

```
.text, #text, p{  
    color:rgb(141, 108, 168)  
}
```

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, 108, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 108, 168) }
```

Border

The CSS property to change the border of an element to Yxy 19.2150, 0.2850, 0.2339 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, 108, 168) }
```

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

```
.border{ border-color:rgb(141, 108, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 108, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 108, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 108, 168);  
box-shadow:4px 4px 4px 4px rgb(141, 108,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2150, 0.2850, 0.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 108, 168) }
```

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

```
.background{ background-color: rgb(141,  
108, 168) }
```

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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