

Converting Colors

$Y_{xy}(18.8701, 0.3146, 0.2812)$

Have a look what the booklet for
Yxy(18.8701, 0.3146, 0.2812)
contains.

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Color

Yxy(18.9414, 0.3149, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	8B708B
RGB	139, 112, 139
RGB Percent	55%, 44%, 55%
CMY	0.4550, 0.5607, 0.4550
CMYK	0.00, 0.19, 0.00, 0.45
HSL	300°, 11%, 49%
HSV	300°, 19%, 55%
XYZ	21.0989, 18.9414, 26.9615
YIQ	123.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

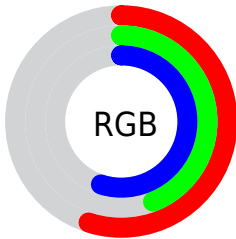
Format	Color
R_{YB}	139, 112, 139
Decimal	9138315
CIE _{Lab}	50.62, 15.60, -10.73
CIE _{LCh}	51, 18.931, 325.469
Yxy	18.9414, 0.3149, 0.2827
Android (android.graphics.Color)	4287328395 (0xFF8B708B)
YUV	123.1510, 7.8136, 13.8996
Hunter-Lab	43.5217, 10.3719, -6.2647

Details

The Yxy color **18.9414, 0.3149, 0.2827** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.0774, 0.3103, 0.3801**, and the grayscale version is **19.8315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7386, 0.3144, 0.2923**, and **6.5119, 0.3157, 0.2651** is the 20% darker color. If you saturate the color by 10%, you get **16.1077, 0.3160, 0.2586**, and if you desaturate by 10%, it is **22.2503, 0.3138, 0.3068**.

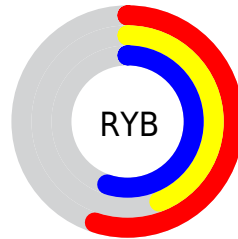
Distribution



Red (55%)

Green (44%)

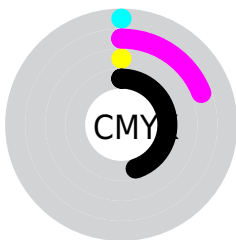
Blue (55%)



Red (55%)

Yellow (44%)

Blue (55%)

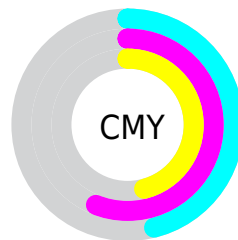


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (46%)


Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9414, 0.3149, 0.2827 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 18.9414, 0.3149, 0.2827 by changing the saturation by 10% instead.


 18.9414, 0.3149,
0.2827


 18.9414, 0.3149,
0.2827


246.1251, 0.3140,
0.3085


 11.6279, 0.3150,
0.2752


 41.6351, 0.3146,
0.2928

 6.4909, 0.3151,
0.2649


 57.7840, 0.3145,
0.2963

 3.1458, 0.3149,
0.2497

 77.6470, 0.3144,
0.2993

 1.2083, 0.3139,
0.2253

 101.6083, 0.3143,
0.3017

 0.0685, 0.3329,
0.0511

130.0524, 0.3142,
0.3038

 0.0000, 0.0000,
0.0000

163.3636, 0.3141,

0.3056

201.9264, 0.3141,
0.3071

■ 18.9414, 0.3149,
0.2827

■ 18.9414, 0.3149,
0.2827

■ 16.1077, 0.3160,
0.2586

■ 22.2503, 0.3138,
0.3068

■ 13.7250, 0.3171,
0.2354

■ 26.0520, 0.3127,
0.3304

■ 11.7708, 0.3182,
0.2138

■ 30.3666, 0.3116,
0.3529

■ 10.2197, 0.3191,
0.1948

■ 35.2121, 0.3106,
0.3741

■ 9.0435, 0.3198,
0.1791

■ 40.6056, 0.3097,
0.3938

■ 8.2107, 0.3204,
0.1672

■ 46.5637, 0.3088,
0.4119

■ 7.6842, 0.3208,
0.1593

■ 53.1020, 0.3080,
0.4284

■ 7.3681, 0.3210,
0.1545

■ 60.2356, 0.3073,
0.4434

■ 7.3502, 0.3210,
0.1542

■ 67.9791, 0.3067,
0.4570

Harmonies

Analogous

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



18.9414, 0.2805, 0.2714



18.9414, 0.3149, 0.2827



18.9414, 0.3505, 0.3047

Triad

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



18.9414, 0.3149, 0.2827



18.9414, 0.3712, 0.3845



18.9414, 0.2528, 0.3197

Complementary

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



18.9414, 0.3149, 0.2827



23.0774, 0.3103, 0.3801

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.



18.9414, 0.2747, 0.3544



18.9414, 0.3149, 0.2827



18.9414, 0.3428, 0.3932

Square

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



18.9414, 0.3149, 0.2827



18.9414, 0.3839, 0.3618



18.9414, 0.3074, 0.3824



18.9414, 0.2462, 0.2904

Rectangle

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



18.9414, 0.3149, 0.2827



18.9414, 0.3695, 0.3231



18.9414, 0.3074, 0.3824



18.9414, 0.2585, 0.3312

Sweetspot

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



18.9422, 0.3149, 0.2827



41.9875, 0.3134, 0.3146



16.9001, 0.2818, 0.2779



9.5902, 0.3135, 0.3133



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



18.9422, 0.3149, 0.2827



31.7512, 0.3154, 0.2728



18.5722, 0.3316, 0.3053



5.1290, 0.3137, 0.3074



6.6352, 0.3210, 0.1542



0.0441, 0.3210, 0.1542

Inverse Universe

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



18.9422, 0.3149, 0.2827



31.7512, 0.3154, 0.2728



23.4006, 0.2972, 0.3540



5.1290, 0.3137, 0.3074



6.6352, 0.3210, 0.1542



0.0441, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 18.9414, 0.3149, 0.2827 looks on a white background.

Color Contrast Check

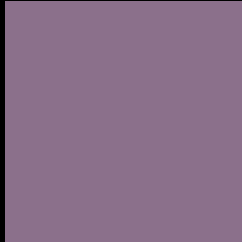
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9414, 0.3149, 0.2827 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 18.9414, 0.3149, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 18.9414, 0.3149, 0.2827.



This preview shows how white text looks on a background with the Yxy color 18.9414, 0.3149, 0.2827.

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

18.9414, 0.3149, 0.2827

Protanopia

19.1596, 0.2820, 0.2851

Deuteranopia

19.0769, 0.2974, 0.2928



Tritanopia

19.0351, 0.3303, 0.3131

Trichromacy



Original Color

18.9414, 0.3149, 0.2827

Protanomaly

18.9607, 0.2930, 0.2841

Deuteranomaly

18.9929, 0.3034, 0.2898

Tritanomaly

19.0229, 0.3256, 0.3027

Monochromacy



Original Color

18.9414, 0.3149, 0.2827

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.4458, 0.3136, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9414, 0.3149, 0.2827 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(139, 112, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 112, 139)  
}
```

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(139, 112, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 112, 139) }
```

Border

The CSS property to change the border of an element to Yxy 18.9414, 0.3149, 0.2827 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(139, 112, 139) }
```

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

```
.border{ border-color:rgb(139, 112, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 112, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 112, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 112, 139);  
box-shadow:4px 4px 4px 4px rgb(139, 112,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9414, 0.3149, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 112, 139) }
```

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

```
.background{ background-color: rgb(139,  
112, 139) }
```

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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