

Converting Colors

$Y_{xy}(19.5371, 0.3067, 0.2683)$

Have a look what the booklet for
Yxy(19.5371, 0.3067, 0.2683)
contains.

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Color

Yxy(19.5091, 0.3069, 0.2676)

Conversions

Conversions Part 1

Format	Color
Hex	8E7095
RGB	142, 112, 149
RGB Percent	56%, 44%, 58%
CMY	0.4431, 0.5608, 0.4157
CMYK	0.05, 0.25, 0.00, 0.42
HSL	289°, 15%, 51%
HSV	289°, 25%, 58%
XYZ	22.3742, 19.5091, 31.0206
YIQ	125.1880, 6.0030, 17.8670

Conversions

Conversions Part 2

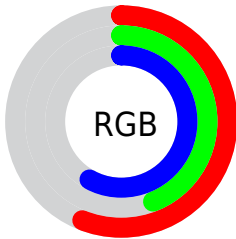
Format	Color
R _Y B	142, 112, 149
Decimal	9334933
CIE Lab	51.28, 18.74, -15.61
CIE LCh	51, 24.384, 320.209
Yxy	19.5091, 0.3069, 0.2676
Android (android.graphics.Color)	4287525013 (0xFF8E7095)
YUV	125.1880, 11.7393, 14.7441
Hunter-Lab	44.1691, 13.1247, -10.7219

Details

The Yxy color $19.5091, 0.3069, 0.2676$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $26.5878, 0.3166, 0.3956$, and the grayscale version is $20.5335, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.5985, 0.3087, 0.2809$, and $6.7728, 0.3032, 0.2459$ is the 20% darker color. If you saturate the color by 10%, you get $16.2430, 0.3037, 0.2420$, and if you desaturate by 10%, it is $23.3273, 0.3096, 0.2930$.

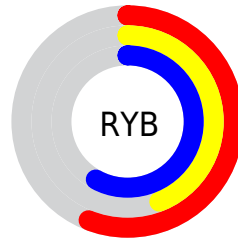
Distribution



Red (56%)

Green (44%)

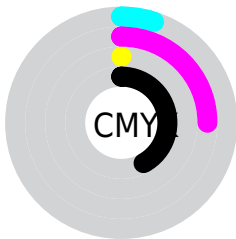
Blue (58%)



Red (56%)

Yellow (44%)

Blue (58%)

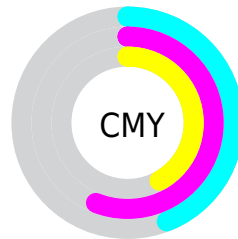


Cyan (5%)

Magenta (25%)

Yellow (0%)

Black (42%)



Cyan (44%)


Magenta (56%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5091, 0.3069, 0.2676 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 19.5091, 0.3069, 0.2676 by changing the saturation by 10% instead.


 19.5091, 0.3069,
0.2676


 19.5091, 0.3069,
0.2676


249.2450, 0.3107,
0.3013

 12.0387, 0.3055,
0.2581


 42.5926, 0.3086,
0.2806

 6.7701, 0.3034,
0.2452


 58.9745, 0.3091,
0.2853

 3.3187, 0.2998,
0.2266


 79.0957, 0.3095,
0.2891

 1.3003, 0.2931,
0.1979

 103.3406, 0.3099,
0.2923

 0.1414, 0.2950,
0.0705

132.0936, 0.3102,
0.2951

 0.0000, 0.0000,
0.0000

165.7391, 0.3104,

0.2974

204.6614, 0.3106,
0.2995

■ 19.5091, 0.3069,
0.2676

■ 19.5091, 0.3069,
0.2676

■ 16.2430, 0.3037,
0.2420

■ 23.3273, 0.3096,
0.2930

■ 13.4997, 0.3000,
0.2169

■ 27.7201, 0.3118,
0.3176

■ 11.2510, 0.2959,
0.1935

■ 32.7118, 0.3136,
0.3409

■ 9.4651, 0.2914,
0.1725

■ 38.3243, 0.3150,
0.3626

■ 8.1061, 0.2866,
0.1550

■ 44.5787, 0.3161,
0.3827

7.1331, 0.2817,
0.1416

51.4951, 0.3169,
0.4010

6.4938, 0.2768,
0.1324

59.0924, 0.3174,
0.4177

6.2206, 0.2742,
0.1284

67.3890, 0.3178,
0.4328

76.4027, 0.3180,
0.4464

Harmonies

Analogous

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



19.5091, 0.2653, 0.2561



19.5091, 0.3069, 0.2676



19.5091, 0.3532, 0.2927

Triad

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



19.5091, 0.3069, 0.2676



19.5091, 0.3913, 0.3946



19.5091, 0.2407, 0.3240

Complementary

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



19.5091, 0.3069, 0.2676



26.5878, 0.3166, 0.3956

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.



19.5091, 0.2706, 0.3691



19.5091, 0.3069, 0.2676



19.5091, 0.3576, 0.4110

Square

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



19.5091, 0.3069, 0.2676



19.5091, 0.4039, 0.3631



19.5091, 0.3132, 0.4026



19.5091, 0.2293, 0.2848

Rectangle

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



19.5091, 0.3069, 0.2676



19.5091, 0.3796, 0.3147



19.5091, 0.3132, 0.4026



19.5091, 0.2488, 0.3391

Sweetspot

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



19.5099, 0.3069, 0.2676



47.7297, 0.3113, 0.3120



18.9049, 0.2728, 0.2750



10.4868, 0.3112, 0.3108



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



19.5099, 0.3069, 0.2676



31.4411, 0.3051, 0.2528



19.8111, 0.3290, 0.2862



5.8543, 0.3109, 0.3070



5.2474, 0.2745, 0.1286



0.0757, 0.2984, 0.1417

Inverse Universe

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



19.3110, 0.3535, 0.3172



31.0516, 0.3663, 0.3143



26.3731, 0.2996, 0.3760



5.8323, 0.3254, 0.3248



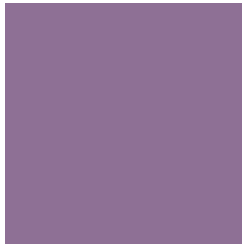
5.4526, 0.6052, 0.3108



0.0701, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 19.5091, 0.3069, 0.2676 looks on a white background.

Color Contrast Check

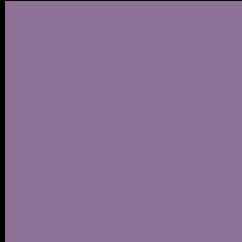
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5091, 0.3069, 0.2676 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 19.5091, 0.3069, 0.2676

Background



This preview shows how black text looks on a background with the Yxy color 19.5091, 0.3069, 0.2676.



This preview shows how white text looks on a background with the Yxy color 19.5091, 0.3069, 0.2676.

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

19.5091, 0.3069, 0.2676

Protanopia

19.6187, 0.2695, 0.2685

Deuteranopia

19.7086, 0.2847, 0.2793



Tritanopia

19.4604, 0.3315, 0.3132

Trichromacy



Original Color

19.5091, 0.3069, 0.2676

Protanomaly

19.5419, 0.2817, 0.2680

Deuteranomaly

19.5278, 0.2925, 0.2751

Tritanomaly

19.5581, 0.3219, 0.2963

Monochromacy



Original Color

19.5091, 0.3069, 0.2676

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9795, 0.3102, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5091, 0.3069, 0.2676 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(142, 112, 149)` looks like.

```
.text, #text, p{  
    color:rgb(142, 112, 149)  
}
```

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(142, 112, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 112, 149) }
```

Border

The CSS property to change the border of an element to Yxy 19.5091, 0.3069, 0.2676 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(142, 112, 149) }
```

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

```
.border{ border-color:rgb(142, 112, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 112, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 112, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 112, 149);  
box-shadow:4px 4px 4px 4px rgb(142, 112,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5091, 0.3069, 0.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 112, 149) }
```

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

```
.background{ background-color: rgb(142,  
112, 149) }
```

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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