

Converting Colors

$Yxy(19.5024, 0.3120, 0.2547)$

Have a look what the booklet for
Yxy(19.5024, 0.3120, 0.2547)
contains.

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Color

Yxy(19.4278, 0.3124, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	976B9A
RGB	151, 107, 154
RGB Percent	59%, 42%, 60%
CMY	0.4080, 0.5803, 0.3961
CMYK	0.02, 0.31, 0.00, 0.40
HSL	296°, 19%, 51%
HSV	296°, 31%, 60%
XYZ	23.8477, 19.4278, 33.0616
YIQ	125.5140, 11.1370, 23.9450

Conversions

Conversions Part 2

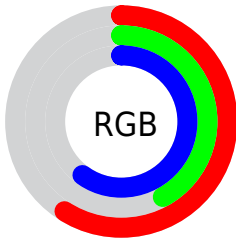
Format	Color
R _Y B	151, 107, 154
Decimal	9923482
CIE Lab	51.18, 25.77, -18.59
CIE LCh	51, 31.779, 324.195
Yxy	19.4278, 0.3124, 0.2545
Android (android.graphics.Color)	4288113562 (0xFF976B9A)
YUV	125.5140, 14.0436, 22.3512
Hunter-Lab	44.0770, 19.4422, -13.6188

Details

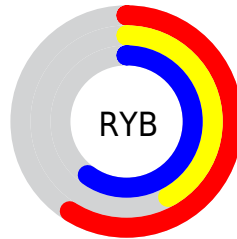
The Yxy color **19.4278, 0.3124, 0.2545** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.4889, 0.3115, 0.4148**, and the grayscale version is **20.6396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4722, 0.3136, 0.2705**, and **6.7599, 0.3097, 0.2286** is the 20% darker color. If you saturate the color by 10%, you get **16.4033, 0.3119, 0.2305**, and if you desaturate by 10%, it is **23.0267, 0.3127, 0.2792**.

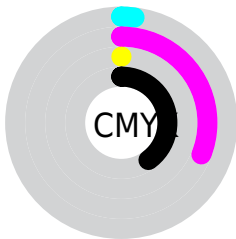
Distribution



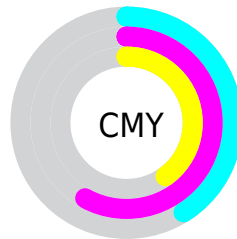
- Red (59%)
- Green (42%)
- Blue (60%)



- Red (59%)
- Yellow (42%)
- Blue (60%)



- Cyan (2%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)





- Cyan (41%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4278, 0.3124, 0.2545 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 19.4278, 0.3124, 0.2545 by changing the saturation by 10% instead.


 19.4278, 0.3124,
0.2545


 19.4278, 0.3124,
0.2545


248.8004, 0.3134,
0.2948


 11.9798, 0.3117,
0.2434


 42.4557, 0.3131,
0.2699

 6.7299, 0.3105,
0.2284


 58.8045, 0.3132,
0.2755

 3.2938, 0.3082,
0.2073

 78.8889, 0.3133,
0.2801

 1.2870, 0.3032,
0.1757

 103.0934, 0.3134,
0.2840

 0.1311, 0.3127,
0.0544

131.8024, 0.3134,
0.2873

 0.0000, 0.0000,
0.0000

165.4004, 0.3134,

0.2901

204.2715, 0.3134,
0.2926

■ 19.4278, 0.3124,
0.2545

■ 19.4278, 0.3124,
0.2545

■ 16.4033, 0.3119,
0.2305

■ 23.0267, 0.3127,
0.2792

■ 13.9203, 0.3113,
0.2081

■ 27.2255, 0.3128,
0.3039

■ 11.9464, 0.3103,
0.1882


■ 32.0513, 0.3127,
0.3278


■ 10.4450, 0.3092,
0.1716


■ 37.5289, 0.3126,
0.3506


■ 9.3742, 0.3079,
0.1590


■ 43.6816, 0.3123,
0.3720


 8.6850, 0.3065,
0.1506

 50.5316, 0.3120,
0.3918

 8.2686, 0.3050,
0.1454

 58.1000, 0.3117,
0.4100

 66.4073, 0.3113,
0.4265

 75.4728, 0.3109,
0.4415

Harmonies

Analogous

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



19.4278, 0.2575, 0.2374



19.4278, 0.3124, 0.2545



19.4278, 0.3728, 0.2874

Triad

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



19.4278, 0.3124, 0.2545



19.4278, 0.4092, 0.4165



19.4278, 0.2170, 0.3133

Complementary

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



19.4278, 0.3124, 0.2545



27.4889, 0.3115, 0.4148

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.



19.4278, 0.2514, 0.3742



19.4278, 0.3124, 0.2545



19.4278, 0.3620, 0.4373

Square

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



19.4278, 0.3124, 0.2545



19.4278, 0.4311, 0.3763



19.4278, 0.3041, 0.4232



19.4278, 0.2067, 0.2654

Rectangle

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



19.4278, 0.3124, 0.2545



19.4278, 0.4060, 0.3154



19.4278, 0.3041, 0.4232



19.4278, 0.2259, 0.3331

Sweetspot

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



19.4286, 0.3124, 0.2545



50.5554, 0.3128, 0.3071



16.6446, 0.2611, 0.2484



11.1866, 0.3128, 0.3038



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.



19.4286, 0.3124, 0.2545



31.2175, 0.3121, 0.2370



19.1001, 0.3419, 0.2856



6.3034, 0.3128, 0.3070



6.7432, 0.3052, 0.1455



0.1061, 0.3127, 0.1496

Inverse Universe

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



18.5158, 0.3746, 0.3241



29.2945, 0.3961, 0.3229



27.7781, 0.2914, 0.3770



6.2288, 0.3274, 0.3276



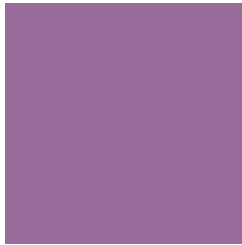
5.6170, 0.6307, 0.3248



0.0855, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 19.4278, 0.3124, 0.2545 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 19.4278, 0.3124, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

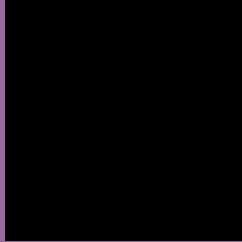
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4278, 0.3124, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 19.4278, 0.3124, 0.2545.



This preview shows how white text looks on a background with the Yxy color 19.4278, 0.3124, 0.2545.

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

19.4278, 0.3124, 0.2545

Protanopia

19.6701, 0.2576, 0.2538

Deuteranopia

19.6219, 0.2775, 0.2723



Tritanopia

19.4184, 0.3465, 0.3137

Trichromacy



Original Color

19.4278, 0.3124, 0.2545

Protanomaly

19.3888, 0.2758, 0.2540

Deuteranomaly

19.3867, 0.2894, 0.2642

Tritanomaly

19.3860, 0.3328, 0.2906

Monochromacy



Original Color

19.4278, 0.3124, 0.2545

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1221, 0.3129, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4278, 0.3124, 0.2545 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(151, 107, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 107, 154)  
}
```

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(151, 107, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 107, 154) }
```

Border

The CSS property to change the border of an element to Yxy 19.4278, 0.3124, 0.2545 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(151, 107, 154) }
```

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

```
.border{ border-color:rgb(151, 107, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 107, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 107, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 107, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 107,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4278, 0.3124, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 107, 154) }
```

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

```
.background{ background-color: rgb(151,  
107, 154) }
```

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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