

Converting Colors

$Y_{xy}(18.2295, 0.3068, 0.2546)$

Have a look what the booklet for
Yxy(18.2295, 0.3068, 0.2546)
contains.

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Color

Yxy(18.1448, 0.3072, 0.2547)

Conversions

Conversions Part 1

Format	Color
Hex	8F6996
RGB	143, 105, 150
RGB Percent	56%, 41%, 59%
CMY	0.4392, 0.5882, 0.4117
CMYK	0.05, 0.30, 0.00, 0.41
HSL	291°, 18%, 50%
HSV	291°, 30%, 59%
XYZ	21.8849, 18.1448, 31.2102
YIQ	121.4920, 8.2030, 22.0510

Conversions

Conversions Part 2

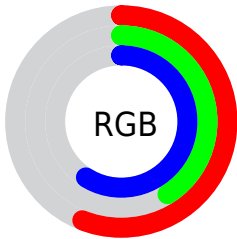
Format	Color
R_{YB}	143, 105, 150
Decimal	9398678
CIE _{Lab}	49.67, 23.39, -18.64
CIE _{LCh}	50, 29.913, 321.448
Yxy	18.1448, 0.3072, 0.2547
Android (android.graphics.Color)	4287588758 (0xFF8F6996)
YUV	121.4920, 14.0544, 18.8625
Hunter-Lab	42.5967, 17.1636, -13.6235

Details

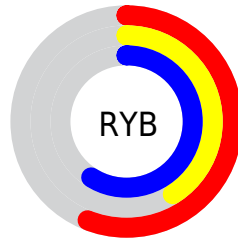
The Yxy color **18.1448, 0.3072, 0.2547** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.2845, 0.3157, 0.4119**, and the grayscale version is **19.2402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3439, 0.3090, 0.2711**, and **6.1024, 0.3035, 0.2278** is the 20% darker color. If you saturate the color by 10%, you get **15.1477, 0.3045, 0.2296**, and if you desaturate by 10%, it is **21.6869, 0.3094, 0.2801**.

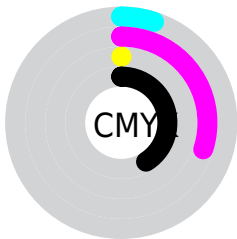
Distribution



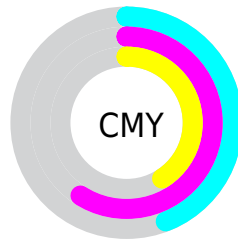
- Red (56%)
- Green (41%)
- Blue (59%)



- Red (56%)
- Yellow (41%)
- Blue (59%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (41%)




- Cyan (44%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1448, 0.3072, 0.2547 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 18.1448, 0.3072, 0.2547 by changing the saturation by 10% instead.


 18.1448, 0.3072,
0.2547


 18.1448, 0.3072,
0.2547


241.6859, 0.3112,
0.2954


 11.0540, 0.3056,
0.2433


 40.2839, 0.3090,
0.2704


 6.1032, 0.3032,
0.2277


 56.1010, 0.3096,
0.2760

 2.9079, 0.2989,
0.2056

 75.5956, 0.3100,
0.2807

 1.0838, 0.2906,
0.1720

 99.1522, 0.3103,
0.2846

 0.0000, 0.2928,
0.0000

127.1552, 0.3106,
0.2879

 0.0000, 0.0000,
0.0000

159.9888, 0.3108,

0.2907

198.0376, 0.3110,
0.2932

■ 18.1448, 0.3072,
0.2547

■ 18.1448, 0.3072,
0.2547

■ 15.1477, 0.3045,
0.2296

■ 21.6869, 0.3094,
0.2801

■ 12.6650, 0.3015,
0.2058

■ 25.7979, 0.3113,
0.3050

■ 10.6664, 0.2981,
0.1841


■ 30.5032, 0.3127,
0.3290


■ 9.1177, 0.2943,
0.1655


■ 35.8260, 0.3138,
0.3516


■ 7.9800, 0.2904,
0.1507


■ 41.7880, 0.3147,
0.3726

 7.2080, 0.2864,
0.1402

 48.4102, 0.3153,
0.3920

 6.6856, 0.2824,
0.1329

 55.7123, 0.3157,
0.4097

 63.7133, 0.3159,
0.4257

 72.4317, 0.3160,
0.4402

Harmonies

Analogous

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



18.1448, 0.2553, 0.2398



18.1448, 0.3072, 0.2547



18.1448, 0.3656, 0.2855

Triad

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



18.1448, 0.3072, 0.2547



18.1448, 0.4090, 0.4107



18.1448, 0.2224, 0.3192

Complementary

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



18.1448, 0.3072, 0.2547



26.2845, 0.3157, 0.4119

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.



18.1448, 0.2578, 0.3776



18.1448, 0.3072, 0.2547



18.1448, 0.3654, 0.4326

Square

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



18.1448, 0.3072, 0.2547



18.1448, 0.4271, 0.3711



18.1448, 0.3098, 0.4222



18.1448, 0.2101, 0.2712

Rectangle

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



18.1448, 0.3072, 0.2547



18.1448, 0.3987, 0.3121



18.1448, 0.3098, 0.4222



18.1448, 0.2318, 0.3385

Sweetspot

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



18.1456, 0.3072, 0.2547



46.1640, 0.3114, 0.3071



16.9060, 0.2631, 0.2589



10.0010, 0.3112, 0.3038



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.



18.1456, 0.3072, 0.2547



28.3668, 0.3055, 0.2378



18.3389, 0.3352, 0.2793



5.8639, 0.3114, 0.3070



5.5547, 0.2827, 0.1331



0.0779, 0.3026, 0.1440

Inverse Universe

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



17.7597, 0.3671, 0.3171



27.6130, 0.3846, 0.3144



26.1780, 0.2957, 0.3846



5.8293, 0.3259, 0.3256



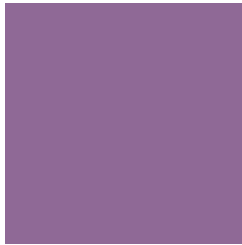
5.4336, 0.6136, 0.3154



0.0693, 0.5295, 0.2691

Previews

White Background



This preview shows how the Yxy color 18.1448, 0.3072, 0.2547 looks on a white background.

Color Contrast Check

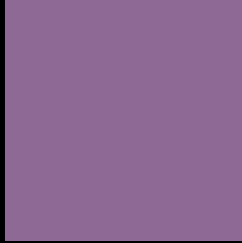
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.1448, 0.3072, 0.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

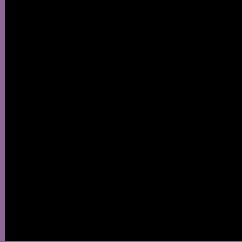
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1448, 0.3072, 0.2547

Background



This preview shows how black text looks on a background with the Yxy color 18.1448, 0.3072, 0.2547.



This preview shows how white text looks on a background with the Yxy color 18.1448, 0.3072, 0.2547.

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

18.1448, 0.3072, 0.2547

Protanopia

18.3516, 0.2581, 0.2535

Deuteranopia

18.2737, 0.2765, 0.2707



Tritanopia

18.2139, 0.3390, 0.3131

Trichromacy



Original Color

18.1448, 0.3072, 0.2547

Protanomaly

18.2036, 0.2738, 0.2536

Deuteranomaly

18.1182, 0.2865, 0.2638

Tritanomaly

18.1514, 0.3264, 0.2907

Monochromacy



Original Color

18.1448, 0.3072, 0.2547

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.5945, 0.3104, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1448, 0.3072, 0.2547 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(143, 105, 150)` looks like.

```
.text, #text, p{  
  color:rgb(143, 105, 150)  
}
```

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(143, 105, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 105, 150) }
```

Border

The CSS property to change the border of an element to Yxy 18.1448, 0.3072, 0.2547 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(143, 105, 150) }
```

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

```
.border{ border-color:rgb(143, 105, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 105, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 105,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1448, 0.3072, 0.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 105, 150) }
```

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

```
.background{ background-color: rgb(143,  
105, 150) }
```

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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