

Converting Colors

$Y_{xy}(18.9910, 0.3054, 0.2553)$

Have a look what the booklet for
Yxy(18.9910, 0.3054, 0.2553)
contains.

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Color

Yxy(19.0448, 0.3061, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	916C99
RGB	145, 108, 153
RGB Percent	57%, 42%, 60%
CMY	0.4314, 0.5765, 0.3999
CMYK	0.05, 0.29, 0.00, 0.40
HSL	289°, 18%, 51%
HSV	289°, 29%, 60%
XYZ	22.7897, 19.0448, 32.6174
YIQ	124.1930, 7.6070, 21.8390

Conversions

Conversions Part 2

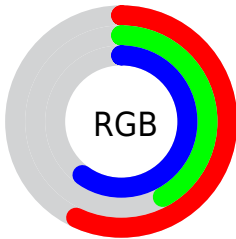
Format	Color
R_{YB}	145, 108, 153
Decimal	9530521
CIE _{Lab}	50.74, 22.95, -18.75
CIE _{LCh}	51, 29.641, 320.752
Yxy	19.0448, 0.3061, 0.2558
Android (android.graphics.Color)	4287720601 (0xFF916C99)
YUV	124.1930, 14.2019, 18.2477
Hunter-Lab	43.6403, 16.8451, -13.7659

Details

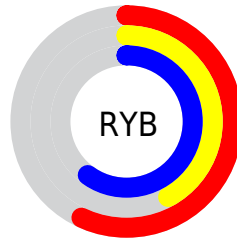
The Yxy color $19.0448, 0.3061, 0.2558$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.5840, 0.3167, 0.4100$, and the grayscale version is $20.1740, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.7887, 0.3082, 0.2718$, and $6.5707, 0.3019, 0.2299$ is the 20% darker color. If you saturate the color by 10%, you get $15.8517, 0.3029, 0.2304$, and if you desaturate by 10%, it is $22.8120, 0.3088, 0.2814$.

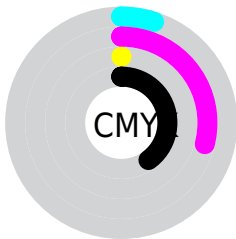
Distribution



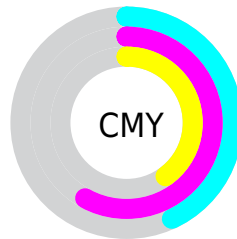
- Red (57%)
- Green (42%)
- Blue (60%)



- Red (57%)
- Yellow (42%)
- Blue (60%)



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)





- Cyan (43%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0448, 0.3061, 0.2558 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 19.0448, 0.3061, 0.2558 by changing the saturation by 10% instead.


 19.0448, 0.3061,
0.2558


 19.0448, 0.3061,
0.2558


246.6960, 0.3106,
0.2957


 11.7027, 0.3044,
0.2447


 41.8098, 0.3081,
0.2711


 6.5415, 0.3018,
0.2297


 58.0014, 0.3088,
0.2766

 3.1771, 0.2974,
0.2085

 77.9117, 0.3093,
0.2812

 1.2249, 0.2890,
0.1764

 101.9249, 0.3097,
0.2850

 0.0819, 0.2915,
0.0374

130.4256, 0.3100,
0.2882

 0.0000, 0.0000,
0.0000

163.7981, 0.3102,

0.2911

202.4267, 0.3105,
0.2935

■ 19.0448, 0.3061,
0.2558

■ 19.0448, 0.3061,
0.2558

■ 15.8517, 0.3029,
0.2304

■ 22.8120, 0.3088,
0.2814

■ 13.2005, 0.2993,
0.2061

■ 27.1782, 0.3110,
0.3064

■ 11.0597, 0.2953,
0.1838


■ 32.1700, 0.3128,
0.3304


■ 9.3935, 0.2909,
0.1646


■ 37.8116, 0.3142,
0.3529

■ 8.1615, 0.2864,
0.1491


■ 44.1259, 0.3153,
0.3738


 7.3162, 0.2817,
0.1380


 51.1347, 0.3161,
0.3930

 6.7494, 0.2771,
0.1303

 58.8588, 0.3167,
0.4105

 6.7179, 0.2769,
0.1299

 67.3181, 0.3171,
0.4264

 76.5317, 0.3173,
0.4408

Harmonies

Analogous

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



19.0448, 0.2557, 0.2416



19.0448, 0.3061, 0.2558



19.0448, 0.3631, 0.2857

Triad

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



19.0448, 0.3061, 0.2558



19.0448, 0.4075, 0.4082



19.0448, 0.2251, 0.3209

Complementary

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



19.0448, 0.3061, 0.2558



27.5840, 0.3167, 0.4100

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.



19.0448, 0.2602, 0.3776



19.0448, 0.3061, 0.2558



19.0448, 0.3654, 0.4298

Square

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



19.0448, 0.3061, 0.2558



19.0448, 0.4243, 0.3694



19.0448, 0.3113, 0.4203



19.0448, 0.2124, 0.2736

Rectangle

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



19.0448, 0.3061, 0.2558



19.0448, 0.3956, 0.3117



19.0448, 0.3113, 0.4203



19.0448, 0.2344, 0.3397

Sweetspot

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



19.0456, 0.3061, 0.2558



48.8634, 0.3111, 0.3070



18.0383, 0.2643, 0.2618



10.5421, 0.3108, 0.3037



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



19.0456, 0.3061, 0.2558



30.3967, 0.3042, 0.2398



19.3565, 0.3337, 0.2791



6.2680, 0.3111, 0.3069



5.5641, 0.2772, 0.1301



0.0961, 0.2981, 0.1416

Inverse Universe

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



18.7608, 0.3644, 0.3157



29.8476, 0.3801, 0.3127



27.3867, 0.2966, 0.3848



6.2398, 0.3257, 0.3251



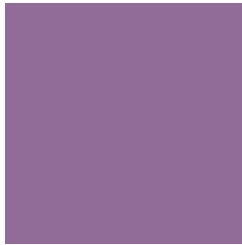
5.6673, 0.6085, 0.3126



0.0887, 0.5193, 0.2634

Previews

White Background



This preview shows how the Yxy color 19.0448, 0.3061, 0.2558 looks on a white background.

Color Contrast Check

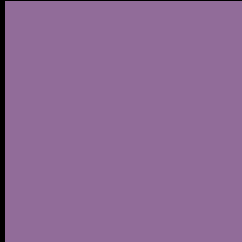
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0448, 0.3061, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

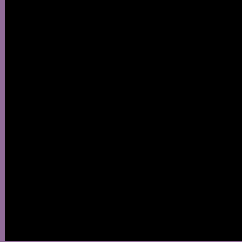
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0448, 0.3061, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 19.0448, 0.3061, 0.2558.



This preview shows how white text looks on a background with the Yxy color 19.0448, 0.3061, 0.2558.

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

19.0448, 0.3061, 0.2558

Protanopia

19.2574, 0.2590, 0.2563

Deuteranopia

19.2099, 0.2761, 0.2718



Tritanopia

19.1274, 0.3370, 0.3133

Trichromacy



Original Color

19.0448, 0.3061, 0.2558

Protanomaly

19.0970, 0.2744, 0.2563

Deuteranomaly

19.0405, 0.2859, 0.2649

Tritanomaly

19.0604, 0.3248, 0.2913

Monochromacy



Original Color

19.0448, 0.3061, 0.2558

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.6117, 0.3104, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0448, 0.3061, 0.2558 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(145, 108, 153)` looks like.

```
.text, #text, p{  
    color:rgb(145, 108, 153)  
}
```

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(145, 108, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 108, 153) }
```

Border

The CSS property to change the border of an element to Yxy 19.0448, 0.3061, 0.2558 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(145, 108, 153) }
```

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

```
.border{ border-color:rgb(145, 108, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 108, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 108, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 108, 153);  
box-shadow:4px 4px 4px 4px rgb(145, 108,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0448, 0.3061, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 108, 153) }
```

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

```
.background{ background-color: rgb(145,  
108, 153) }
```

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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