

Converting Colors

$Y_{xy}(18.9168, 0.3162, 0.2556)$

Have a look what the booklet for
Yxy(18.9168, 0.3162, 0.2556)
contains.

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Color

Yxy(18.9168, 0.3162, 0.2556)

Conversions

Conversions Part 1

Format	Color
Hex	976997
RGB	151, 105, 151
RGB Percent	59%, 41%, 59%
CMY	0.4078, 0.5882, 0.4079
CMYK	0.00, 0.30, 0.00, 0.41
HSL	300°, 18%, 50%
HSV	300°, 30%, 59%
XYZ	23.4018, 18.9168, 31.6908
YIQ	123.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

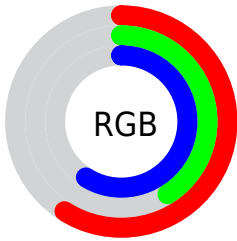
Format	Color
R_{YB}	151, 105, 151
Decimal	9922967
CIE _{Lab}	50.59, 26.36, -17.73
CIE _{LCh}	51, 31.767, 326.068
Yxy	18.9168, 0.3162, 0.2556
Android (android.graphics.Color)	4288113047 (0xFF976997)
YUV	123.9980, 13.3120, 23.6808
Hunter-Lab	43.4934, 19.9289, -12.7553

Details

The Yxy color **18.9168, 0.3162, 0.2556** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.1631, 0.3086, 0.4152**, and the grayscale version is **20.1075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6435, 0.3163, 0.2715**, and **6.4990, 0.3154, 0.2301** is the 20% darker color. If you saturate the color by 10%, you get **16.1094, 0.3173, 0.2324**, and if you desaturate by 10%, it is **22.2722, 0.3151, 0.2798**.

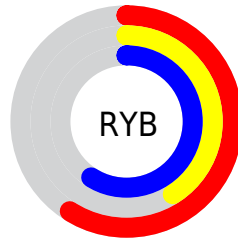
Distribution



Red (59%)

Green (41%)

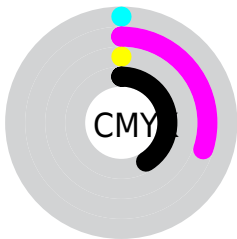
Blue (59%)



Red (59%)

Yellow (41%)

Blue (59%)

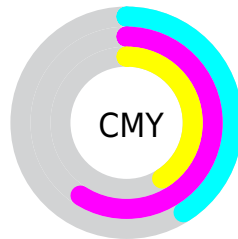


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (41%)



Cyan (41%)


Magenta (59%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9168, 0.3162, 0.2556 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 18.9168, 0.3162, 0.2556 by changing the saturation by 10% instead.


 18.9168, 0.3162,
0.2556


 18.9168, 0.3162,
0.2556

245.9891, 0.3151,
0.2955


 11.6102, 0.3162,
0.2445


 41.5935, 0.3160,
0.2709

 6.4788, 0.3158,
0.2295


 57.7323, 0.3159,
0.2764

 3.1384, 0.3148,
0.2083

 77.5840, 0.3157,
0.2810

 1.2044, 0.3118,
0.1763

 101.5329, 0.3156,
0.2848

 0.0653, 0.3320,
0.0307

129.9635, 0.3154,
0.2881

 0.0000, 0.0000,
0.0000

163.2601, 0.3153,

0.2909

201.8072, 0.3152,
0.2933

■ 18.9168, 0.3162,
0.2556

■ 18.9168, 0.3162,
0.2556

■ 16.1094, 0.3173,
0.2324

■ 22.2722, 0.3151,
0.2798

■ 13.8186, 0.3183,
0.2110

■ 26.1998, 0.3139,
0.3041

■ 12.0136, 0.3192,
0.1922


■ 30.7255, 0.3128,
0.3279


■ 10.6594, 0.3200,
0.1770


■ 35.8729, 0.3117,
0.3507

■ 9.7163, 0.3205,
0.1657

■ 41.6642, 0.3107,
0.3722


 9.1377, 0.3209,
0.1584

 48.1206, 0.3097,
0.3921

 8.8129, 0.3211,
0.1542

 55.2623, 0.3089,
0.4105

 63.1086, 0.3081,
0.4273

 71.6781, 0.3074,
0.4425

Harmonies

Analogous

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



18.9168, 0.2600, 0.2372



18.9168, 0.3162, 0.2556



18.9168, 0.3768, 0.2896

Triad

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



18.9168, 0.3162, 0.2556



18.9168, 0.4076, 0.4192



18.9168, 0.2149, 0.3096

Complementary

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



18.9168, 0.3162, 0.2556



26.1631, 0.3086, 0.4152

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.



18.9168, 0.2481, 0.3708



18.9168, 0.3162, 0.2556



18.9168, 0.3589, 0.4385

Square

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



18.9168, 0.3162, 0.2556



18.9168, 0.4317, 0.3794



18.9168, 0.3004, 0.4219



18.9168, 0.2061, 0.2625

Rectangle

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



18.9168, 0.3162, 0.2556



18.9168, 0.4093, 0.3180



18.9168, 0.3004, 0.4219



18.9168, 0.2234, 0.3293

Sweetspot

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



18.9176, 0.3162, 0.2556



47.8952, 0.3137, 0.3072



15.3405, 0.2606, 0.2428



10.6510, 0.3139, 0.3039



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.



18.9176, 0.3162, 0.2556



30.1223, 0.3170, 0.2386



18.2424, 0.3460, 0.2907



6.3236, 0.3138, 0.3071



7.4952, 0.3211, 0.1542



0.1121, 0.3210, 0.1542

Inverse Universe

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



18.9176, 0.3162, 0.2556



30.1223, 0.3170, 0.2386



26.7014, 0.2889, 0.3710



6.3236, 0.3138, 0.3071



7.4952, 0.3211, 0.1542



0.1121, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 18.9168, 0.3162, 0.2556 looks on a white background.

Color Contrast Check

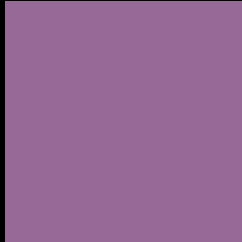
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9168, 0.3162, 0.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

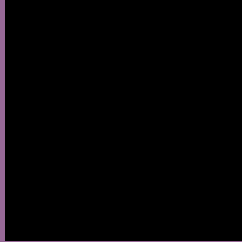
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9168, 0.3162, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 18.9168, 0.3162, 0.2556.



This preview shows how white text looks on a background with the Yxy color 18.9168, 0.3162, 0.2556.

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

18.9168, 0.3162, 0.2556

Protanopia

19.0181, 0.2588, 0.2545

Deuteranopia

18.9783, 0.2791, 0.2734



Tritanopia

18.9280, 0.3498, 0.3137

Trichromacy



Original Color

18.9168, 0.3162, 0.2556

Protanomaly

18.7540, 0.2773, 0.2548

Deuteranomaly

18.7581, 0.2913, 0.2651

Tritanomaly

18.8719, 0.3370, 0.2921

Monochromacy



Original Color

18.9168, 0.3162, 0.2556

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5121, 0.3141, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9168, 0.3162, 0.2556 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, 105, 151)` looks like.

```
.text, #text, p{  
    color:rgb(151, 105, 151)  
}
```

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, 105, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 105, 151) }
```

Border

The CSS property to change the border of an element to Yxy 18.9168, 0.3162, 0.2556 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, 105, 151) }
```

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

```
.border{ border-color:rgb(151, 105, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 105, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 105, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 105, 151);  
box-shadow:4px 4px 4px 4px rgb(151, 105,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9168, 0.3162, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 105, 151) }
```

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

```
.background{ background-color: rgb(151,  
105, 151) }
```

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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