

Converting Colors

$Yxy(16.9470, 0.3622, 0.2822)$

Have a look what the booklet for
Yxy(16.9470, 0.3622, 0.2822)
contains.

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Color

Yxy(16.9891, 0.3626, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	9D607C
RGB	157, 96, 124
RGB Percent	62%, 38%, 49%
CMY	0.3842, 0.6236, 0.5137
CMYK	0.00, 0.39, 0.21, 0.38
HSL	332°, 24%, 50%
HSV	332°, 39%, 62%
XYZ	21.7293, 16.9891, 21.2079
YIQ	117.4310, 27.3680, 21.6400

Conversions

Conversions Part 2

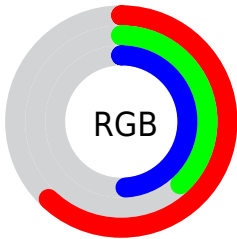
Format	Color
R _Y B	157, 96, 124
Decimal	10313852
CIE Lab	48.25, 28.81, -5.16
CIE LCh	48, 29.266, 349.837
Yxy	16.9891, 0.3626, 0.2835
Android (android.graphics.Color)	4288503932 (0xFF9D607C)
YUV	117.4310, 3.2385, 34.7020
Hunter-Lab	41.2178, 21.9706, -1.6541

Details

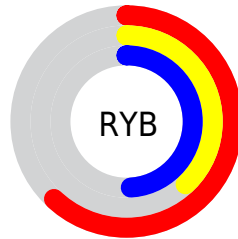
The Yxy color **16.9891, 0.3626, 0.2835** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.1920, 0.2811, 0.3802**, and the grayscale version is **17.9138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4605, 0.3517, 0.2949**, and **5.5650, 0.3843, 0.2662** is the 20% darker color. If you saturate the color by 10%, you get **14.1998, 0.3817, 0.2721**, and if you desaturate by 10%, it is **20.3707, 0.3463, 0.2955**.

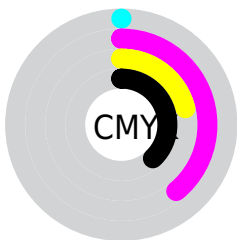
Distribution



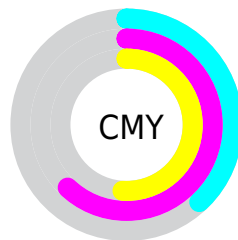
- Red (62%)
- Green (38%)
- Blue (49%)



- Red (62%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (38%)





- Cyan (38%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.9891, 0.3626, 0.2835 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 16.9891, 0.3626, 0.2835 by changing the saturation by 10% instead.


 16.9891, 0.3626,
0.2835


 16.9891, 0.3626,
0.2835


235.1096, 0.3339,
0.3093


 10.2267, 0.3714,
0.2758


 38.3070, 0.3511,
0.2938


 5.5495, 0.3840,
0.2649


 53.6314, 0.3471,
0.2973

 2.5732, 0.4033,
0.2486

 72.5785, 0.3438,
0.3002

 0.9132, 0.4368,
0.2214

 95.5328, 0.3412,
0.3027

 0.0000, 0.7761,
0.0000

122.8786, 0.3389,
0.3047

 0.0000, 0.0000,
0.0000

155.0005, 0.3370,

0.3065

192.2826, 0.3353,
0.3080

■ 16.9891, 0.3626,
0.2835

■ 16.9891, 0.3626,
0.2835

■ 14.1998, 0.3817,
0.2721

■ 20.3707, 0.3463,
0.2955

■ 11.9657, 0.4037,
0.2621

■ 24.3742, 0.3326,
0.3076

■ 10.2493, 0.4282,
0.2547


■ 29.0299, 0.3212,
0.3192


■ 9.0071, 0.4545,
0.2511


■ 34.3654, 0.3117,
0.3302


■ 8.1886, 0.4812,
0.2522


■ 40.4069, 0.3039,
0.3405


 7.6907, 0.5074,
0.2579

 47.1789, 0.2975,
0.3500

 7.6394, 0.5104,
0.2585

 54.7051, 0.2921,
0.3587

 63.0078, 0.2877,
0.3667

 72.1085, 0.2840,
0.3740

Harmonies

Analogous

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



16.9891, 0.3041, 0.2534



16.9891, 0.3626, 0.2835



16.9891, 0.4095, 0.3242

Triad

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



16.9891, 0.3626, 0.2835



16.9891, 0.3681, 0.4322



16.9891, 0.2102, 0.2733

Complementary

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



16.9891, 0.3626, 0.2835



28.1920, 0.2811, 0.3802

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.



16.9891, 0.2237, 0.3223



16.9891, 0.3626, 0.2835



16.9891, 0.3128, 0.4237

Square

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



16.9891, 0.3626, 0.2835



16.9891, 0.4108, 0.4089



16.9891, 0.2602, 0.3806



16.9891, 0.2203, 0.2453

Rectangle

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



16.9891, 0.3626, 0.2835



16.9891, 0.4251, 0.3539



16.9891, 0.2602, 0.3806



16.9891, 0.2120, 0.2875

Sweetspot

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



16.9899, 0.3626, 0.2835



49.0375, 0.3248, 0.3154



15.4303, 0.2808, 0.2251



10.5715, 0.3261, 0.3140



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.



16.9899, 0.3626, 0.2835



25.8597, 0.3798, 0.2731



16.7546, 0.4048, 0.3326



6.6943, 0.3216, 0.3188



6.2102, 0.5086, 0.2575



0.1195, 0.4203, 0.2089

Inverse Universe

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



16.9899, 0.3626, 0.2835



25.8597, 0.3798, 0.2731



28.3593, 0.2596, 0.3253



6.6943, 0.3216, 0.3188



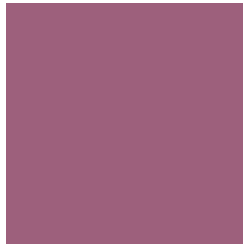
6.2102, 0.5086, 0.2575



0.1195, 0.4203, 0.2089

Previews

White Background



This preview shows how the Yxy color 16.9891, 0.3626, 0.2835 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 16.9891, 0.3626, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

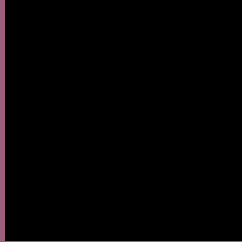
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9891, 0.3626, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 16.9891, 0.3626, 0.2835.



This preview shows how white text looks on a background with the Yxy color 16.9891, 0.3626, 0.2835.

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

16.9891, 0.3626, 0.2835

Protanopia

17.1917, 0.2840, 0.2869

Deuteranopia

17.1798, 0.3161, 0.3119



Tritanopia

16.9538, 0.3844, 0.3158

Trichromacy



Original Color

16.9891, 0.3626, 0.2835

Protanomaly

16.7705, 0.3096, 0.2833

Deuteranomaly

16.8641, 0.3320, 0.3000

Tritanomaly

16.9955, 0.3771, 0.3043

Monochromacy



Original Color

16.9891, 0.3626, 0.2835

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1989, 0.3299, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9891, 0.3626, 0.2835 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(157, 96, 124)` looks like.

```
.text, #text, p{  
  color:rgb(157, 96, 124)  
}
```

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(157, 96, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 96, 124) }
```

Border

The CSS property to change the border of an element to Yxy 16.9891, 0.3626, 0.2835 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(157, 96, 124) }
```

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

```
.border{ border-color:rgb(157, 96, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 96, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 96, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 96, 124);  
box-shadow:4px 4px 4px 4px rgb(157, 96,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9891, 0.3626, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 96, 124) }
```

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

```
.background{ background-color: rgb(157, 96,  
124) }
```

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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