

Converting Colors

$Y_{xy}(18.2434, 0.3442, 0.2679)$

Have a look what the booklet for
Yxy(18.2434, 0.3442, 0.2679)
contains.

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Color

Yxy(18.1296, 0.3444, 0.2674)

Conversions

Conversions Part 1

Format	Color
Hex	9F638A
RGB	159, 99, 138
RGB Percent	62%, 39%, 54%
CMY	0.3764, 0.6118, 0.4588
CMYK	0.00, 0.38, 0.13, 0.38
HSL	321°, 24%, 51%
HSV	321°, 38%, 62%
XYZ	23.3502, 18.1296, 26.3198
YIQ	121.3860, 23.2410, 24.8490

Conversions

Conversions Part 2

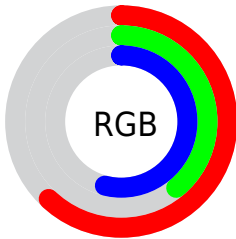
Format	Color
R_{YB}	159, 99, 138
Decimal	10445706
CIE _{Lab}	49.65, 30.16, -11.39
CIE _{LCh}	50, 32.244, 339.311
Yxy	18.1296, 0.3444, 0.2674
Android (android.graphics.Color)	4288635786 (0xFF9F638A)
YUV	121.3860, 8.1907, 32.9875
Hunter-Lab	42.5789, 23.3760, -6.8444

Details

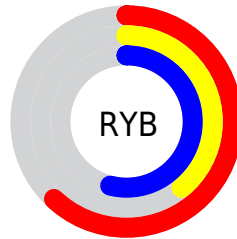
The Yxy color **18.1296, 0.3444, 0.2674** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.8090, 0.2909, 0.4003**, and the grayscale version is **19.2198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3419, 0.3383, 0.2814**, and **6.0500, 0.3563, 0.2437** is the 20% darker color. If you saturate the color by 10%, you get **15.2515, 0.3561, 0.2515**, and if you desaturate by 10%, it is **21.6108, 0.3341, 0.2840**.

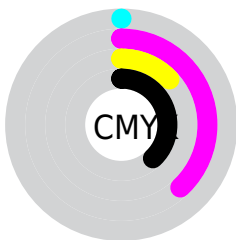
Distribution



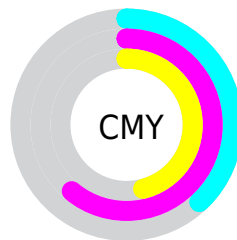
- Red (62%)
- Green (39%)
- Blue (54%)



- Red (62%)
- Yellow (39%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1296, 0.3444, 0.2674 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 18.1296, 0.3444, 0.2674 by changing the saturation by 10% instead.


 18.1296, 0.3444,
0.2674


 18.1296, 0.3444,
0.2674


241.6005, 0.3269,
0.3014


 11.0431, 0.3494,
0.2577


 40.2580, 0.3376,
0.2806


 6.0958, 0.3564,
0.2444


 56.0687, 0.3351,
0.2853

 2.9034, 0.3664,
0.2252

 75.5563, 0.3332,
0.2892

 1.0815, 0.3824,
0.1951

 99.1051, 0.3315,
0.2924

 0.0000, 0.4812,
0.0000

127.0995, 0.3301,
0.2952

 0.0000, 0.0000,
0.0000

159.9239, 0.3288,

0.2975

197.9628, 0.3278,
0.2996

■ 18.1296, 0.3444,
0.2674

■ 18.1296, 0.3444,
0.2674

■ 15.2515, 0.3561,
0.2515

■ 21.6108, 0.3341,
0.2840

■ 12.9390, 0.3692,
0.2372

■ 25.7250, 0.3253,
0.3007

■ 11.1540, 0.3834,
0.2255


■ 30.5028, 0.3177,
0.3169

■ 9.8529, 0.3984,
0.2175


■ 35.9723, 0.3114,
0.3324

■ 8.9849, 0.4137,
0.2140

■ 42.1599, 0.3060,
0.3469


 8.4627, 0.4288,
0.2151

 49.0906, 0.3016,
0.3604

 8.3593, 0.4323,
0.2155

 56.7882, 0.2978,
0.3729

 65.2755, 0.2947,
0.3844

 74.5743, 0.2921,
0.3949

Harmonies

Analogous

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



18.1296, 0.2823, 0.2409



18.1296, 0.3444, 0.2674



18.1296, 0.4022, 0.3074

Triad

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



18.1296, 0.3444, 0.2674



18.1296, 0.3902, 0.4341



18.1296, 0.2052, 0.2848

Complementary

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



18.1296, 0.3444, 0.2674



28.8090, 0.2909, 0.4003

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.



18.1296, 0.2283, 0.3435



18.1296, 0.3444, 0.2674



18.1296, 0.3337, 0.4395

Square

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



18.1296, 0.3444, 0.2674



18.1296, 0.4280, 0.4001



18.1296, 0.2744, 0.4049



18.1296, 0.2074, 0.2468

Rectangle

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



18.1296, 0.3444, 0.2674



18.1296, 0.4271, 0.3382



18.1296, 0.2744, 0.4049



18.1296, 0.2101, 0.3026

Sweetspot

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



18.1304, 0.3444, 0.2674



51.5159, 0.3202, 0.3114



15.3483, 0.2676, 0.2241



11.3673, 0.3212, 0.3094



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



18.1304, 0.3444, 0.2674



28.2032, 0.3538, 0.2544



17.3990, 0.3870, 0.3129



6.7151, 0.3188, 0.3146



6.6094, 0.4310, 0.2148



0.1259, 0.3778, 0.1855

Inverse Universe

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



18.1304, 0.3444, 0.2674



28.2032, 0.3538, 0.2544



29.6234, 0.2685, 0.3463



6.7151, 0.3188, 0.3146



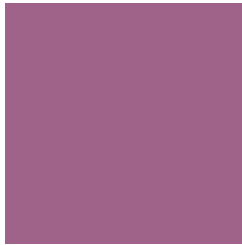
6.6094, 0.4310, 0.2148



0.1259, 0.3778, 0.1855

Previews

White Background



This preview shows how the Yxy color 18.1296, 0.3444, 0.2674 looks on a white background.

Color Contrast Check

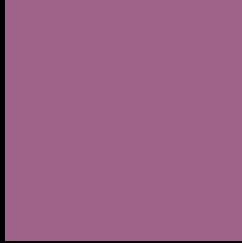
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1296, 0.3444, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

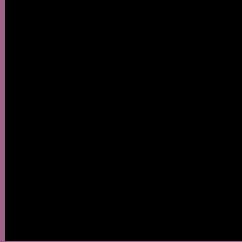
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1296, 0.3444, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 18.1296, 0.3444, 0.2674.



This preview shows how white text looks on a background with the Yxy color 18.1296, 0.3444, 0.2674.

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

18.1296, 0.3444, 0.2674

Protanopia

18.2719, 0.2683, 0.2668

Deuteranopia

18.1483, 0.2983, 0.2921



Tritanopia

18.1384, 0.3759, 0.3159

Trichromacy



Original Color

18.1296, 0.3444, 0.2674

Protanomaly

17.8164, 0.2932, 0.2656

Deuteranomaly

17.8657, 0.3136, 0.2815

Tritanomaly

18.0513, 0.3650, 0.2980

Monochromacy



Original Color

18.1296, 0.3444, 0.2674

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4935, 0.3243, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1296, 0.3444, 0.2674 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(159, 99, 138)` looks like.

```
.text, #text, p{  
  color:rgb(159, 99, 138)  
}
```

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(159, 99, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 138) }
```

Border

The CSS property to change the border of an element to Yxy 18.1296, 0.3444, 0.2674 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(159, 99, 138) }
```

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

```
.border{ border-color:rgb(159, 99, 138) }
```

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

Here you see how a box with a 4 pixel rgb(159, 99, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 99, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 99, 138);  
box-shadow:4px 4px 4px 4px rgb(159, 99,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1296, 0.3444, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 138) }
```

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

```
.background{ background-color: rgb(159, 99,  
138) }
```

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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