

Converting Colors

$Y_{xy}(18.6375, 0.3332, 0.2752)$

Have a look what the booklet for
Yxy(18.6375, 0.3332, 0.2752)
contains.

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Color

Yxy(18.6135, 0.3339, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	98698A
RGB	152, 105, 138
RGB Percent	60%, 41%, 54%
CMY	0.4040, 0.5882, 0.4589
CMYK	0.00, 0.31, 0.09, 0.40
HSL	318°, 19%, 50%
HSV	318°, 31%, 60%
XYZ	22.5837, 18.6135, 26.4390
YIQ	122.8150, 17.4190, 20.2270

Conversions

Conversions Part 2

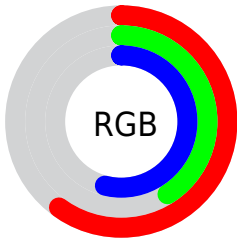
Format	Color
RYB	152, 105, 138
Decimal	9988490
CIELab	50.23, 24.20, -10.58
CIElCh	50, 26.416, 336.387
Yxy	18.6135, 0.3339, 0.2752
Android (android.graphics.Color)	4288178570 (0xFF98698A)
YUV	122.8150, 7.4862, 25.5952
Hunter-Lab	43.1434, 17.9364, -6.1336

Details

The Yxy color $18.6135, 0.3339, 0.2752$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $26.7865, 0.2966, 0.3898$, and the grayscale version is $19.7139, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.1409, 0.3298, 0.2875$, and $6.3402, 0.3415, 0.2553$ is the 20% darker color. If you saturate the color by 10%, you get $15.6611, 0.3430, 0.2576$, and if you desaturate by 10%, it is $22.1264, 0.3259, 0.2931$.

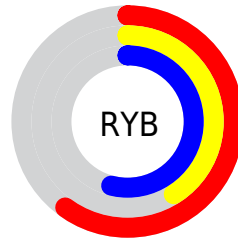
Distribution



Red (60%)

Green (41%)

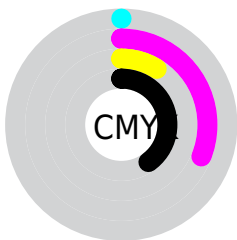
Blue (54%)



Red (60%)

Yellow (41%)

Blue (54%)

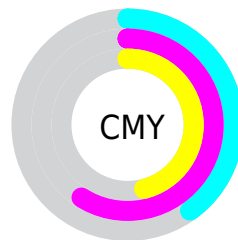


Cyan (0%)

Magenta (31%)

Yellow (9%)

Black (40%)



Cyan (40%)


Magenta (59%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.6135, 0.3339, 0.2752 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 18.6135, 0.3339, 0.2752 by changing the saturation by 10% instead.


 18.6135, 0.3339,
0.2752


 18.6135, 0.3339,
0.2752


244.3067, 0.3223,
0.3050


 11.3913, 0.3372,
0.2666


 41.0800, 0.3294,
0.2868


 6.3307, 0.3417,
0.2549


 57.0931, 0.3278,
0.2909

 3.0472, 0.3482,
0.2378

 76.8053, 0.3265,
0.2943

 1.1564, 0.3583,
0.2107

 100.6010, 0.3254,
0.2971

 0.0257, 0.4368,
0.0182

128.8646, 0.3244,
0.2995

 0.0000, 0.0000,
0.0000

161.9805, 0.3236,

0.3016

200.3330, 0.3229,
0.3034

■ 18.6135, 0.3339,
0.2752

■ 18.6135, 0.3339,
0.2752

■ 15.6611, 0.3430,
0.2576

■ 22.1264, 0.3259,
0.2931

■ 13.2371, 0.3532,
0.2411

■ 26.2246, 0.3191,
0.3106

■ 11.3100, 0.3644,
0.2265


■ 30.9345, 0.3132,
0.3275


■ 9.8442, 0.3764,
0.2150


■ 36.2801, 0.3082,
0.3435

■ 8.7988, 0.3887,
0.2073

■ 42.2841, 0.3041,
0.3584


 8.1261, 0.4010,
0.2042

 48.9682, 0.3006,
0.3722

 7.7281, 0.4122,
0.2044

 56.3529, 0.2976,
0.3850

 64.4581, 0.2952,
0.3967

 73.3026, 0.2932,
0.4074

Harmonies

Analogous

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



18.6135, 0.2837, 0.2542



18.6135, 0.3339, 0.2752



18.6135, 0.3814, 0.3082

Triad

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



18.6135, 0.3339, 0.2752



18.6135, 0.3810, 0.4134



18.6135, 0.2246, 0.2981

Complementary

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



18.6135, 0.3339, 0.2752



26.7865, 0.2966, 0.3898

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.



18.6135, 0.2465, 0.3464



18.6135, 0.3339, 0.2752



18.6135, 0.3358, 0.4186

Square

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



18.6135, 0.3339, 0.2752



18.6135, 0.4088, 0.3857



18.6135, 0.2866, 0.3934



18.6135, 0.2241, 0.2641

Rectangle

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



18.6135, 0.3339, 0.2752



18.6135, 0.4032, 0.3341



18.6135, 0.2866, 0.3934



18.6135, 0.2296, 0.3131

Sweetspot

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



18.6143, 0.3339, 0.2752



47.6594, 0.3180, 0.3136



16.2470, 0.2748, 0.2449



10.5896, 0.3188, 0.3113



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.



18.6143, 0.3339, 0.2752



29.2061, 0.3400, 0.2631



18.0222, 0.3653, 0.3120



6.2922, 0.3180, 0.3135



6.4873, 0.4114, 0.2040



0.1033, 0.3641, 0.1780

Inverse Universe

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



18.6143, 0.3339, 0.2752



29.2061, 0.3400, 0.2631



27.4013, 0.2776, 0.3470



6.2922, 0.3180, 0.3135



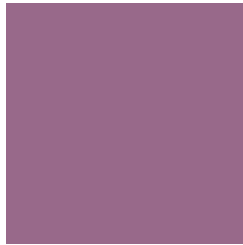
6.4873, 0.4114, 0.2040



0.1033, 0.3641, 0.1780

Previews

White Background



This preview shows how the Yxy color 18.6135, 0.3339, 0.2752 looks on a white background.

Color Contrast Check

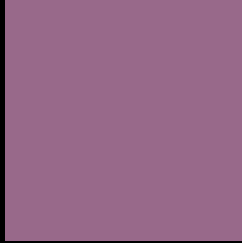
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6135, 0.3339, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

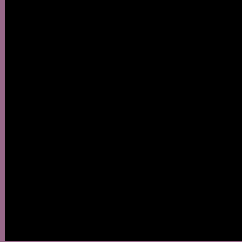
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.6135, 0.3339, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 18.6135, 0.3339, 0.2752.



This preview shows how white text looks on a background with the Yxy color 18.6135, 0.3339, 0.2752.

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

18.6135, 0.3339, 0.2752

Protanopia

18.8109, 0.2757, 0.2777

Deuteranopia

18.7852, 0.2996, 0.2944



Tritanopia

18.6112, 0.3572, 0.3155

Trichromacy



Original Color

18.6135, 0.3339, 0.2752

Protanomaly

18.5603, 0.2943, 0.2758

Deuteranomaly

18.6847, 0.3109, 0.2868

Tritanomaly

18.6898, 0.3479, 0.3005

Monochromacy



Original Color

18.6135, 0.3339, 0.2752

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.1176, 0.3214, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6135, 0.3339, 0.2752 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(152, 105, 138)` looks like.

```
.text, #text, p{  
    color:rgb(152, 105, 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(152, 105, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 105, 138) }
```

Border

The CSS property to change the border of an element to Yxy 18.6135, 0.3339, 0.2752 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(152, 105, 138) }
```

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

```
.border{ border-color:rgb(152, 105, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 105, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 105, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 105, 138);  
box-shadow:4px 4px 4px 4px rgb(152, 105,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6135, 0.3339, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 105, 138) }
```

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

```
.background{ background-color: rgb(152,  
105, 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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