

Converting Colors

$Y_{xy}(18.9601, 0.3360, 0.2752)$

Have a look what the booklet for
Yxy(18.9601, 0.3360, 0.2752)
contains.

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Color

Yxy(18.8373, 0.3352, 0.2741)

Conversions

Conversions Part 1

Format	Color
Hex	9A698B
RGB	154, 105, 139
RGB Percent	60%, 41%, 55%
CMY	0.3961, 0.5882, 0.4549
CMYK	0.00, 0.32, 0.10, 0.40
HSL	318°, 20%, 51%
HSV	318°, 32%, 60%
XYZ	23.0363, 18.8373, 26.8505
YIQ	123.5270, 18.2900, 20.9620

Conversions

Conversions Part 2

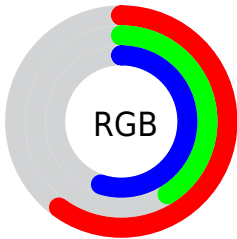
Format	Color
RYB	154, 105, 139
Decimal	10119563
CIELab	50.50, 25.12, -10.77
CIElCh	50, 27.331, 336.794
Yxy	18.8373, 0.3352, 0.2741
Android (android.graphics.Color)	4288309643 (0xFF9A698B)
YUV	123.5270, 7.6282, 26.7248
Hunter-Lab	43.4020, 18.7886, -6.2983

Details

The Yxy color **18.8373, 0.3352, 0.2741** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.4658, 0.2958, 0.3912**, and the grayscale version is **19.9608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5195, 0.3299, 0.2855**, and **6.4723, 0.3435, 0.2542** is the 20% darker color. If you saturate the color by 10%, you get **15.8452, 0.3447, 0.2567**, and if you desaturate by 10%, it is **22.4051, 0.3269, 0.2918**.

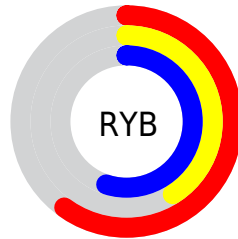
Distribution



Red (60%)

Green (41%)

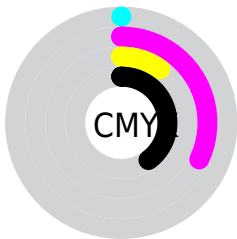
Blue (55%)



Red (60%)

Yellow (41%)

Blue (55%)

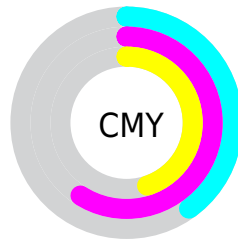


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (40%)



Cyan (40%)


Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.8373, 0.3352, 0.2741 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 18.8373, 0.3352, 0.2741 by changing the saturation by 10% instead.


 18.8373, 0.3352,
0.2741


 18.8373, 0.3352,
0.2741


245.5491, 0.3229,
0.3044


 11.5528, 0.3387,
0.2654


 41.4590, 0.3304,
0.2859

 6.4399, 0.3435,
0.2536


 57.5650, 0.3287,
0.2901

 3.1144, 0.3503,
0.2363

 77.3802, 0.3273,
0.2935

 1.1917, 0.3610,
0.2092

 101.2891, 0.3261,
0.2964

 0.0549, 0.4340,
0.0358

129.6760, 0.3251,
0.2988

 0.0000, 0.0000,
0.0000

162.9254, 0.3243,

0.3010

201.4216, 0.3235,
0.3028

■ 18.8373, 0.3352,
0.2741

■ 18.8373, 0.3352,
0.2741

■ 15.8452, 0.3447,
0.2567

■ 22.4051, 0.3269,
0.2918

■ 13.3954, 0.3553,
0.2405

■ 26.5743, 0.3198,
0.3093

■ 11.4551, 0.3669,
0.2263

■ 31.3725, 0.3137,
0.3261

■ 9.9870, 0.3793,
0.2152

■ 36.8245, 0.3086,
0.3420

■ 8.9484, 0.3920,
0.2081

■ 42.9540, 0.3042,
0.3568

8.2890, 0.4048,
0.2056

49.7833, 0.3006,
0.3706

7.9278, 0.4152,
0.2061

57.3339, 0.2976,
0.3833

65.6261, 0.2950,
0.3950

74.6798, 0.2929,
0.4056

Harmonies

Analogous

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



18.8373, 0.2834, 0.2524



18.8373, 0.3352, 0.2741



18.8373, 0.3841, 0.3081

Triad

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



18.8373, 0.3352, 0.2741



18.8373, 0.3823, 0.4162



18.8373, 0.2220, 0.2964

Complementary

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



18.8373, 0.3352, 0.2741



27.4658, 0.2958, 0.3912

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.



18.8373, 0.2441, 0.3462



18.8373, 0.3352, 0.2741



18.8373, 0.3357, 0.4213

Square

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



18.8373, 0.3352, 0.2741



18.8373, 0.4115, 0.3876



18.8373, 0.2851, 0.3950



18.8373, 0.2218, 0.2618

Rectangle

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



18.8373, 0.3352, 0.2741



18.8373, 0.4064, 0.3346



18.8373, 0.2851, 0.3950



18.8373, 0.2270, 0.3118

Sweetspot

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



18.8382, 0.3352, 0.2741



49.6051, 0.3188, 0.3120



16.4098, 0.2744, 0.2422



10.9834, 0.3196, 0.3098



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.



18.8382, 0.3352, 0.2741



30.3376, 0.3417, 0.2619



18.2072, 0.3687, 0.3128



6.2915, 0.3181, 0.3137



6.4670, 0.4143, 0.2056



0.1031, 0.3655, 0.1787

Inverse Universe

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



18.8382, 0.3352, 0.2741



30.3376, 0.3417, 0.2619



28.1295, 0.2760, 0.3461



6.2915, 0.3181, 0.3137



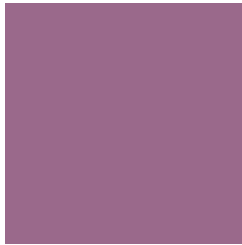
6.4670, 0.4143, 0.2056



0.1031, 0.3655, 0.1787

Previews

White Background



This preview shows how the Yxy color 18.8373, 0.3352, 0.2741 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 18.8373, 0.3352, 0.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

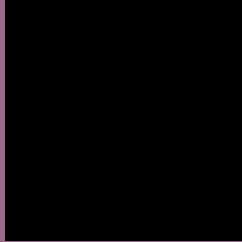
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.8373, 0.3352, 0.2741

Background



This preview shows how black text looks on a background with the Yxy color 18.8373, 0.3352, 0.2741.



This preview shows how white text looks on a background with the Yxy color 18.8373, 0.3352, 0.2741.

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

18.8373, 0.3352, 0.2741

Protanopia

18.9410, 0.2748, 0.2745

Deuteranopia

18.8887, 0.2997, 0.2928



Tritanopia

18.8009, 0.3599, 0.3156

Trichromacy



Original Color

18.8373, 0.3352, 0.2741

Protanomaly

18.7461, 0.2956, 0.2746

Deuteranomaly

18.8795, 0.3122, 0.2855

Tritanomaly

18.8812, 0.3506, 0.3007

Monochromacy



Original Color

18.8373, 0.3352, 0.2741

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.4585, 0.3213, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.8373, 0.3352, 0.2741 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(154, 105, 139)` looks like.

```
.text, #text, p{  
    color:rgb(154, 105, 139)  
}
```

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(154, 105, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 105, 139) }
```

Border

The CSS property to change the border of an element to Yxy 18.8373, 0.3352, 0.2741 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(154, 105, 139) }
```

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

```
.border{ border-color:rgb(154, 105, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 105, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 105, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 105, 139);  
box-shadow:4px 4px 4px 4px rgb(154, 105,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 18.8373, 0.3352, 0.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 105, 139) }
```

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

```
.background{ background-color: rgb(154,  
105, 139) }
```

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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