

Converting Colors

$Y_{xy}(19.1613, 0.3299, 0.2697)$

Have a look what the booklet for
Yxy(19.1613, 0.3299, 0.2697)
contains.

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Color

Yxy(19.1613, 0.3299, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	9A6A8F
RGB	154, 106, 143
RGB Percent	60%, 42%, 56%
CMY	0.3961, 0.5843, 0.4392
CMYK	0.00, 0.31, 0.07, 0.40
HSL	314°, 19%, 51%
HSV	314°, 31%, 60%
XYZ	23.4383, 19.1613, 28.4471
YIQ	124.5700, 16.7310, 21.6830

Conversions

Conversions Part 2

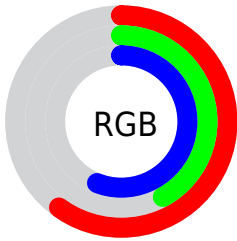
Format	Color
RYB	154, 106, 143
Decimal	10119823
CIELab	50.88, 25.29, -12.55
CIElCh	51, 28.233, 333.599
Yxy	19.1613, 0.3299, 0.2697
Android (android.graphics.Color)	4288309903 (0xFF9A6A8F)
YUV	124.5700, 9.0860, 25.8101
Hunter-Lab	43.7736, 18.9729, -7.8892

Details

The Yxy color $19.1613, 0.3299, 0.2697$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.4613, 0.2992, 0.3967$, and the grayscale version is $20.3216, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.0402, 0.3261, 0.2821$, and $6.6412, 0.3350, 0.2480$ is the 20% darker color. If you saturate the color by 10%, you get $16.1625, 0.3370, 0.2507$, and if you desaturate by 10%, it is $22.7352, 0.3236, 0.2891$.

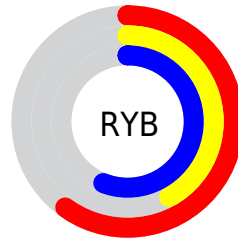
Distribution



Red (60%)

Green (42%)

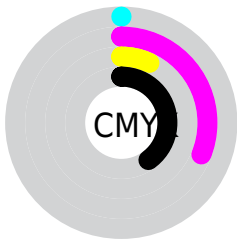
Blue (56%)



Red (60%)

Yellow (42%)

Blue (56%)

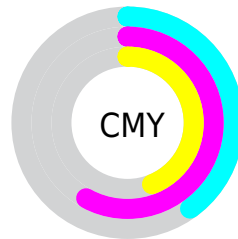


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (40%)



Cyan (40%)


Magenta (58%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1613, 0.3299, 0.2697 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 19.1613, 0.3299, 0.2697 by changing the saturation by 10% instead.

 19.1613, 0.3299,
0.2697


 19.1613, 0.3299,
0.2697


247.3378, 0.3207,
0.3022


 11.7869, 0.3324,
0.2605


 42.0065, 0.3264,
0.2823


 6.5987, 0.3357,
0.2480


 58.2460, 0.3251,
0.2868

 3.2124, 0.3403,
0.2299

 78.2094, 0.3241,
0.2905

 1.2436, 0.3469,
0.2019

 102.2811, 0.3232,
0.2936

 0.0969, 0.3964,
0.0541

130.8453, 0.3224,
0.2962

 0.0000, 0.0000,
0.0000

164.2866, 0.3218,

0.2985

202.9893, 0.3212,
0.3005

■ 19.1613, 0.3299,
0.2697

■ 19.1613, 0.3299,
0.2697

■ 16.1625, 0.3370,
0.2507

■ 22.7352, 0.3236,
0.2891

■ 13.7057, 0.3449,
0.2329

■ 26.9100, 0.3180,
0.3083

■ 11.7583, 0.3534,
0.2173


■ 31.7128, 0.3132,
0.3269


■ 10.2832, 0.3623,
0.2047


■ 37.1685, 0.3091,
0.3445


■ 9.2384, 0.3713,
0.1961

■ 43.3005, 0.3057,
0.3610

 8.5740, 0.3802,
0.1920

 50.1313, 0.3027,
0.3763

 8.1946, 0.3879,
0.1911

 57.6820, 0.3003,
0.3904

 65.9730, 0.2982,
0.4033

 75.0240, 0.2965,
0.4152

Harmonies

Analogous

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



19.1613, 0.2774, 0.2491



19.1613, 0.3299, 0.2697



19.1613, 0.3814, 0.3033

Triad

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



19.1613, 0.3299, 0.2697



19.1613, 0.3883, 0.4162



19.1613, 0.2211, 0.3003

Complementary

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



19.1613, 0.3299, 0.2697



27.4613, 0.2992, 0.3967

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.



19.1613, 0.2460, 0.3524



19.1613, 0.3299, 0.2697



19.1613, 0.3417, 0.4249

Square

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



19.1613, 0.3299, 0.2697



19.1613, 0.4157, 0.3849



19.1613, 0.2896, 0.4013



19.1613, 0.2185, 0.2628

Rectangle

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



19.1613, 0.3299, 0.2697



19.1613, 0.4061, 0.3301



19.1613, 0.2896, 0.4013



19.1613, 0.2270, 0.3166

Sweetspot

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



19.1622, 0.3299, 0.2697



50.5235, 0.3170, 0.3121



16.3828, 0.2707, 0.2431



11.1784, 0.3177, 0.3095



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.



19.1622, 0.3299, 0.2697



31.1120, 0.3345, 0.2571



18.5256, 0.3615, 0.3065



6.2994, 0.3170, 0.3120



6.6817, 0.3873, 0.1907



0.1052, 0.3529, 0.1718

Inverse Universe

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



19.1622, 0.3299, 0.2697



31.1120, 0.3345, 0.2571



28.0820, 0.2798, 0.3530



6.2994, 0.3170, 0.3120



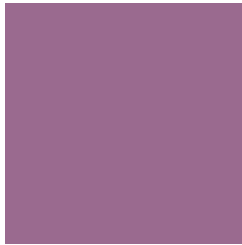
6.6817, 0.3873, 0.1907



0.1052, 0.3529, 0.1718

Previews

White Background



This preview shows how the Yxy color 19.1613, 0.3299, 0.2697 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 19.1613, 0.3299, 0.2697 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 19.1613, 0.3299, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 19.1613, 0.3299, 0.2697.



This preview shows how white text looks on a background with the Yxy color 19.1613, 0.3299, 0.2697.

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

19.1613, 0.3299, 0.2697

Protanopia

19.2436, 0.2701, 0.2697

Deuteranopia

19.1650, 0.2941, 0.2876



Tritanopia

19.0631, 0.3568, 0.3139

Trichromacy



Original Color

19.1613, 0.3299, 0.2697

Protanomaly

19.0206, 0.2902, 0.2698

Deuteranomaly

19.1385, 0.3063, 0.2806

Tritanomaly

19.1712, 0.3463, 0.2975

Monochromacy



Original Color

19.1613, 0.3299, 0.2697

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8571, 0.3189, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1613, 0.3299, 0.2697 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, 106, 143)` looks like.

```
.text, #text, p{  
    color:rgb(154, 106, 143)  
}
```

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, 106, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 106, 143) }
```

Border

The CSS property to change the border of an element to Yxy 19.1613, 0.3299, 0.2697 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, 106, 143) }
```

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

```
.border{ border-color:rgb(154, 106, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 106, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 106, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 106, 143);  
box-shadow:4px 4px 4px 4px rgb(154, 106,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1613, 0.3299, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 106, 143) }
```

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

```
.background{ background-color: rgb(154,  
106, 143) }
```

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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