

Converting Colors

$Y_{xy}(19.1072, 0.3140, 0.2706)$

Have a look what the booklet for
Yxy(19.1072, 0.3140, 0.2706)
contains.

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Color

Yxy(19.1255, 0.3142, 0.2708)

Conversions

Conversions Part 1

Format	Color
Hex	906E91
RGB	144, 110, 145
RGB Percent	56%, 43%, 57%
CMY	0.4352, 0.5686, 0.4314
CMYK	0.01, 0.24, 0.00, 0.43
HSL	298°, 14%, 50%
HSV	298°, 24%, 57%
XYZ	22.1907, 19.1255, 29.3098
YIQ	124.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

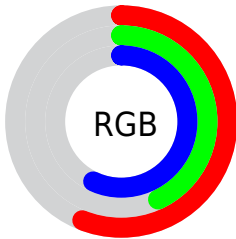
Format	Color
RYB	144, 110, 145
Decimal	9465489
CIELab	50.83, 19.80, -13.91
CIELCh	51, 24.198, 324.924
Yxy	19.1255, 0.3142, 0.2708
Android (android.graphics.Color)	4287655569 (0xFF906E91)
YUV	124.1560, 10.2761, 17.4032
Hunter-Lab	43.7327, 14.0415, -9.1234

Details

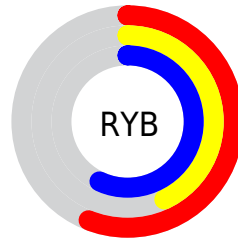
The Yxy color $19.1255, 0.3142, 0.2708$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.7545, 0.3106, 0.3945$, and the grayscale version is $20.1743, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.9699, 0.3139, 0.2833$, and $6.5986, 0.3125, 0.2484$ is the 20% darker color. If you saturate the color by 10%, you get $16.2129, 0.3147, 0.2467$, and if you desaturate by 10%, it is $22.5519, 0.3136, 0.2952$.

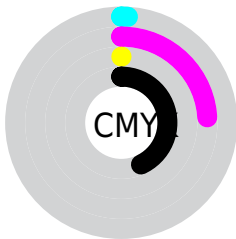
Distribution



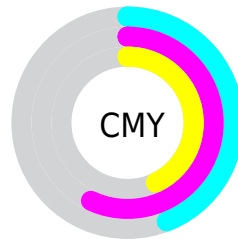
- Red (56%)
- Green (43%)
- Blue (57%)



- Red (56%)
- Yellow (43%)
- Blue (57%)



- Cyan (1%)
- Magenta (24%)
- Yellow (0%)
- Black (43%)





- Cyan (44%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1255, 0.3142, 0.2708 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 19.1255, 0.3142, 0.2708 by changing the saturation by 10% instead.


 19.1255, 0.3142,
0.2708


 19.1255, 0.3142,
0.2708


247.1407, 0.3139,
0.3028


 11.7610, 0.3141,
0.2617


 41.9461, 0.3142,
0.2832


 6.5812, 0.3137,
0.2492


 58.1709, 0.3142,
0.2876

 3.2016, 0.3127,
0.2312

 78.1180, 0.3141,
0.2913

 1.2379, 0.3102,
0.2032

 102.1717, 0.3141,
0.2944

 0.0923, 0.3282,
0.0530

130.7164, 0.3140,
0.2969

 0.0000, 0.0000,
0.0000

164.1366, 0.3140,

0.2992

202.8165, 0.3139,
0.3011

■ 19.1255, 0.3142,
0.2708

■ 19.1255, 0.3142,
0.2708

■ 16.2129, 0.3147,
0.2467

■ 22.5519, 0.3136,
0.2952

■ 13.7867, 0.3151,
0.2237

■ 26.5129, 0.3130,
0.3193

■ 11.8208, 0.3153,
0.2027

■ 31.0309, 0.3123,
0.3424

■ 10.2856, 0.3153,
0.1847

■ 36.1265, 0.3116,
0.3643

■ 9.1482, 0.3152,
0.1702

■ 41.8194, 0.3110,
0.3847

■ 8.3708, 0.3149,
0.1597

■ 48.1279, 0.3103,
0.4035

■ 7.9068, 0.3144,
0.1533

■ 55.0701, 0.3097,
0.4207

■ 7.7015, 0.3141,
0.1504

■ 62.6628, 0.3091,
0.4364

■ 70.9226, 0.3086,
0.4506

Harmonies

Analogous

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



19.1255, 0.2711, 0.2569



19.1255, 0.3142, 0.2708



19.1255, 0.3600, 0.2976

Triad

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



19.1255, 0.3142, 0.2708



19.1255, 0.3871, 0.3984



19.1255, 0.2376, 0.3171

Complementary

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



19.1255, 0.3142, 0.2708



24.7545, 0.3106, 0.3945

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.



19.1255, 0.2649, 0.3622



19.1255, 0.3142, 0.2708



19.1255, 0.3509, 0.4114

Square

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



19.1255, 0.3142, 0.2708



19.1255, 0.4035, 0.3686



19.1255, 0.3061, 0.3987



19.1255, 0.2294, 0.2800

Rectangle

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



19.1255, 0.3142, 0.2708



19.1255, 0.3847, 0.3202



19.1255, 0.3061, 0.3987



19.1255, 0.2447, 0.3319

Sweetspot

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



19.1263, 0.3142, 0.2708



45.2458, 0.3132, 0.3121



16.7635, 0.2732, 0.2656



9.9858, 0.3132, 0.3109



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.1263, 0.3142, 0.2708



31.2908, 0.3145, 0.2575



18.7468, 0.3359, 0.2971



5.5034, 0.3133, 0.3073



6.6078, 0.3141, 0.1504



0.0647, 0.3178, 0.1524

Inverse Universe

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



18.3179, 0.3596, 0.3274



29.5880, 0.3741, 0.3271



25.0804, 0.2946, 0.3633



5.4264, 0.3277, 0.3284



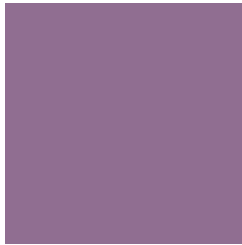
5.1716, 0.6358, 0.3276



0.0498, 0.6157, 0.3165

Previews

White Background



This preview shows how the Yxy color 19.1255, 0.3142, 0.2708 looks on a white background.

Color Contrast Check

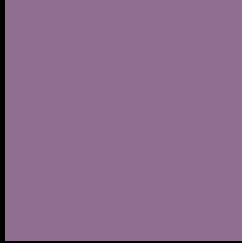
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1255, 0.3142, 0.2708 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 19.1255, 0.3142, 0.2708

Background



This preview shows how black text looks on a background with the Yxy color 19.1255, 0.3142, 0.2708.



This preview shows how white text looks on a background with the Yxy color 19.1255, 0.3142, 0.2708.

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

19.1255, 0.3142, 0.2708

Protanopia

19.2773, 0.2721, 0.2715

Deuteranopia

19.0776, 0.2897, 0.2840



Tritanopia

19.1274, 0.3370, 0.3133

Trichromacy



Original Color

19.1255, 0.3142, 0.2708

Protanomaly

19.0207, 0.2867, 0.2710

Deuteranomaly

19.0209, 0.2979, 0.2782

Tritanomaly

19.1997, 0.3284, 0.2980

Monochromacy



Original Color

19.1255, 0.3142, 0.2708

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.6849, 0.3126, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1255, 0.3142, 0.2708 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(144, 110, 145)` looks like.

```
.text, #text, p{  
    color:rgb(144, 110, 145)  
}
```

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(144, 110, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 110, 145) }
```

Border

The CSS property to change the border of an element to Yxy 19.1255, 0.3142, 0.2708 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(144, 110, 145) }
```

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

```
.border{ border-color:rgb(144, 110, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 110, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 110, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 110, 145);  
box-shadow:4px 4px 4px 4px rgb(144, 110,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1255, 0.3142, 0.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 110, 145) }
```

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

```
.background{ background-color: rgb(144,  
110, 145) }
```

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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