

Converting Colors

$Y_{xy}(19.2342, 0.3126, 0.2767)$

Have a look what the booklet for
Yxy(19.2342, 0.3126, 0.2767)
contains.

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Color

Yxy(19.2342, 0.3126, 0.2767)

Conversions

Conversions Part 1

Format	Color
Hex	8D708F
RGB	141, 112, 143
RGB Percent	55%, 44%, 56%
CMY	0.4472, 0.5607, 0.4393
CMYK	0.01, 0.22, 0.00, 0.44
HSL	296°, 12%, 50%
HSV	296°, 22%, 56%
XYZ	21.7297, 19.2342, 28.5489
YIQ	124.2050, 7.3330, 15.7890

Conversions

Conversions Part 2

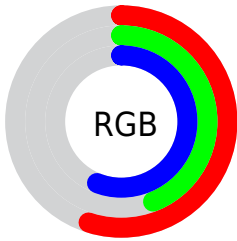
Format	Color
R_{YB}	141, 112, 143
Decimal	9269391
CIE _{Lab}	50.96, 17.11, -12.56
CIE _{LCh}	51, 21.227, 323.720
Yxy	19.2342, 0.3126, 0.2767
Android (android.graphics.Color)	4287459471 (0xFF8D708F)
YUV	124.2050, 9.2659, 14.7292
Hunter-Lab	43.8568, 11.6919, -7.8955

Details

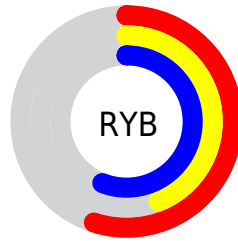
The Yxy color $19.2342, 0.3126, 0.2767$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.3932, 0.3121, 0.3866$, and the grayscale version is $20.1937, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.1842, 0.3128, 0.2878$, and $6.6308, 0.3102, 0.2563$ is the 20% darker color. If you saturate the color by 10%, you get $16.2434, 0.3123, 0.2522$, and if you desaturate by 10%, it is $22.7285, 0.3127, 0.3012$.

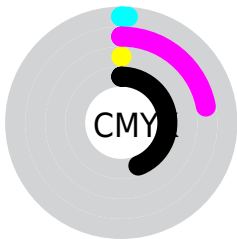
Distribution



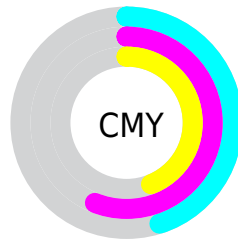
- Red (55%)
- Green (44%)
- Blue (56%)



- Red (55%)
- Yellow (44%)
- Blue (56%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (44%)





- Cyan (45%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2342, 0.3126, 0.2767 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 19.2342, 0.3126, 0.2767 by changing the saturation by 10% instead.


 19.2342, 0.3126,
0.2767


 19.2342, 0.3126,
0.2767


247.7386, 0.3131,
0.3056

 11.8396, 0.3123,
0.2684


 42.1295, 0.3129,
0.2880


 6.6346, 0.3116,
0.2570


 58.3990, 0.3130,
0.2920

 3.2346, 0.3104,
0.2405

 78.3955, 0.3130,
0.2952

 1.2554, 0.3075,
0.2143

 102.5036, 0.3131,
0.2980

 0.1063, 0.3204,
0.0656

131.1076, 0.3131,
0.3003

 0.0000, 0.0000,
0.0000

164.5918, 0.3131,

0.3023

203.3407, 0.3131,
0.3041

■ 19.2342, 0.3126,
0.2767

■ 19.2342, 0.3126,
0.2767

■ 16.2434, 0.3123,
0.2522

■ 22.7285, 0.3127,
0.3012

■ 13.7300, 0.3118,
0.2284

■ 26.7459, 0.3127,
0.3251

■ 11.6694, 0.3110,
0.2063

■ 31.3079, 0.3126,
0.3480

■ 10.0336, 0.3101,
0.1867

■ 36.4341, 0.3124,
0.3694

■ 8.7918, 0.3089,
0.1705

■ 42.1432, 0.3121,
0.3892

■ 7.9087, 0.3076,
0.1582

■ 48.4528, 0.3118,
0.4075

■ 7.3431, 0.3061,
0.1501

■ 55.3801, 0.3114,
0.4242

■ 7.0173, 0.3048,
0.1453

■ 62.9414, 0.3110,
0.4393

■ 71.1524, 0.3106,
0.4529

Harmonies

Analogous

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



19.2342, 0.2749, 0.2650



19.2342, 0.3126, 0.2767



19.2342, 0.3527, 0.3003

Triad

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



19.2342, 0.3126, 0.2767



19.2342, 0.3791, 0.3894



19.2342, 0.2472, 0.3205

Complementary

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



19.2342, 0.3126, 0.2767



24.3932, 0.3121, 0.3866

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.



19.2342, 0.2721, 0.3595



19.2342, 0.3126, 0.2767



19.2342, 0.3481, 0.4008

Square

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



19.2342, 0.3126, 0.2767



19.2342, 0.3923, 0.3632



19.2342, 0.3088, 0.3903



19.2342, 0.2390, 0.2874

Rectangle

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



19.2342, 0.3126, 0.2767



19.2342, 0.3745, 0.3203



19.2342, 0.3088, 0.3903



19.2342, 0.2538, 0.3335

Sweetspot

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



19.2350, 0.3126, 0.2767



44.5702, 0.3128, 0.3146



17.4837, 0.2779, 0.2750



10.1274, 0.3128, 0.3132



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.



19.2350, 0.3126, 0.2767



31.7205, 0.3125, 0.2646



19.0324, 0.3317, 0.2989



5.4932, 0.3127, 0.3072



6.2093, 0.3049, 0.1453



0.0629, 0.3134, 0.1500

Inverse Universe

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



18.6485, 0.3520, 0.3255



30.4846, 0.3637, 0.3247



24.5797, 0.2974, 0.3612



5.4295, 0.3272, 0.3276



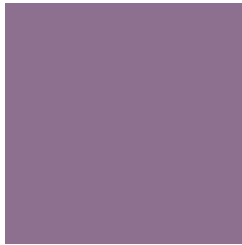
5.1828, 0.6301, 0.3245



0.0505, 0.5865, 0.3005

Previews

White Background



This preview shows how the Yxy color 19.2342, 0.3126, 0.2767 looks on a white background.

Color Contrast Check

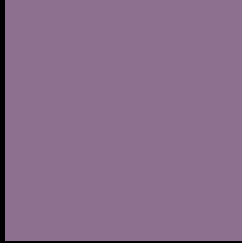
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2342, 0.3126, 0.2767 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 19.2342, 0.3126, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 19.2342, 0.3126, 0.2767.



This preview shows how white text looks on a background with the Yxy color 19.2342, 0.3126, 0.2767.

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

19.2342, 0.3126, 0.2767

Protanopia

19.2477, 0.2760, 0.2766

Deuteranopia

19.4317, 0.2931, 0.2878



Tritanopia

19.1200, 0.3316, 0.3131

Trichromacy



Original Color

19.2342, 0.3126, 0.2767

Protanomaly

19.1142, 0.2877, 0.2758

Deuteranomaly

19.1896, 0.3001, 0.2833

Tritanomaly

19.1623, 0.3244, 0.2994

Monochromacy



Original Color

19.2342, 0.3126, 0.2767

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.8175, 0.3124, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2342, 0.3126, 0.2767 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(141, 112, 143)` looks like.

```
.text, #text, p{  
    color:rgb(141, 112, 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(141, 112, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 112, 143) }
```

Border

The CSS property to change the border of an element to Yxy 19.2342, 0.3126, 0.2767 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(141, 112, 143) }
```

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

```
.border{ border-color:rgb(141, 112, 143) }
```

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

Here you see how a box with a 4 pixel rgb(141, 112, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 112, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 112, 143);  
box-shadow:4px 4px 4px 4px rgb(141, 112,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2342, 0.3126, 0.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 112, 143) }
```

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

```
.background{ background-color: rgb(141,  
112, 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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