

Converting Colors

$Y_{xy}(19.0563, 0.3395, 0.2728)$

Have a look what the booklet for
Yxy(19.0563, 0.3395, 0.2728)
contains.

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Color

Yxy(19.0632, 0.3394, 0.2720)

Conversions

Conversions Part 1

Format	Color
Hex	9E688C
RGB	158, 104, 140
RGB Percent	62%, 41%, 55%
CMY	0.3803, 0.5922, 0.4510
CMYK	0.00, 0.34, 0.11, 0.38
HSL	320°, 22%, 51%
HSV	320°, 34%, 62%
XYZ	23.7869, 19.0632, 27.2351
YIQ	124.2500, 20.6280, 22.6440

Conversions

Conversions Part 2

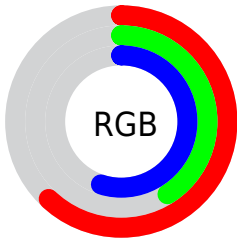
Format	Color
R _Y B	158, 104, 140
Decimal	10381452
CIE _{Lab}	50.76, 27.33, -10.91
CIE _{LCh}	51, 29.425, 338.239
Yxy	19.0632, 0.3394, 0.2720
Android (android.graphics.Color)	4288571532 (0xFF9E688C)
YUV	124.2500, 7.7648, 29.5987
Hunter-Lab	43.6614, 20.8401, -6.4209

Details

The Yxy color **19.0632, 0.3394, 0.2720** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.8086, 0.2934, 0.3940**, and the grayscale version is **20.2126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8181, 0.3329, 0.2837**, and **6.5698, 0.3479, 0.2516** is the 20% darker color. If you saturate the color by 10%, you get **16.0238, 0.3501, 0.2554**, and if you desaturate by 10%, it is **22.7079, 0.3301, 0.2891**.

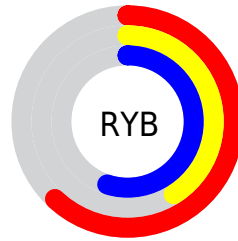
Distribution



Red (62%)

Green (41%)

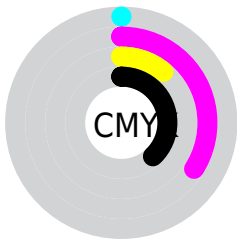
Blue (55%)



Red (62%)

Yellow (41%)

Blue (55%)

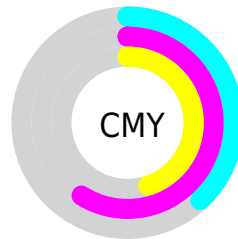


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (38%)



Cyan (38%)


Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0632, 0.3394, 0.2720 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 19.0632, 0.3394, 0.2720 by changing the saturation by 10% instead.


 19.0632, 0.3394,
0.2720


 19.0632, 0.3394,
0.2720


246.7974, 0.3247,
0.3033


 11.7160, 0.3436,
0.2631


 41.8409, 0.3337,
0.2841

 6.5506, 0.3493,
0.2509


 58.0401, 0.3317,
0.2885

 3.1827, 0.3575,
0.2334

 77.9587, 0.3300,
0.2920

 1.2278, 0.3703,
0.2059

 101.9812, 0.3286,
0.2950

 0.0843, 0.4432,
0.0500

130.4919, 0.3274,
0.2976

 0.0000, 0.0000,
0.0000

163.8753, 0.3264,

0.2998

202.5157, 0.3255,
0.3017

■ 19.0632, 0.3394,
0.2720

■ 19.0632, 0.3394,
0.2720

■ 16.0238, 0.3501,
0.2554

■ 22.7079, 0.3301,
0.2891

■ 13.5536, 0.3620,
0.2401

■ 26.9861, 0.3221,
0.3060

■ 11.6167, 0.3751,
0.2270


■ 31.9275, 0.3152,
0.3224


■ 10.1720, 0.3891,
0.2173


■ 37.5590, 0.3095,
0.3379

■ 9.1724, 0.4034,
0.2118

■ 43.9062, 0.3047,
0.3524


 8.5609, 0.4176,
0.2112

 50.9933, 0.3006,
0.3659

 8.2972, 0.4259,
0.2120

 58.8431, 0.2972,
0.3783

 67.4779, 0.2944,
0.3897

 76.9187, 0.2921,
0.4002

Harmonies

Analogous

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



19.0632, 0.2837, 0.2483



19.0632, 0.3394, 0.2720



19.0632, 0.3914, 0.3084

Triad

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



19.0632, 0.3394, 0.2720



19.0632, 0.3848, 0.4232



19.0632, 0.2155, 0.2914

Complementary

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



19.0632, 0.3394, 0.2720



28.8086, 0.2934, 0.3940

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.



19.0632, 0.2377, 0.3445



19.0632, 0.3394, 0.2720



19.0632, 0.3343, 0.4279

Square

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



19.0632, 0.3394, 0.2720



19.0632, 0.4175, 0.3928



19.0632, 0.2805, 0.3981



19.0632, 0.2165, 0.2558

Rectangle

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



19.0632, 0.3394, 0.2720



19.0632, 0.4144, 0.3366



19.0632, 0.2805, 0.3981



19.0632, 0.2203, 0.3077

Sweetspot

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



19.0641, 0.3394, 0.2720



52.4285, 0.3192, 0.3126



16.5068, 0.2728, 0.2352



11.5582, 0.3201, 0.3105



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



19.0641, 0.3394, 0.2720



30.3128, 0.3474, 0.2593



18.3630, 0.3773, 0.3144



6.7169, 0.3186, 0.3142



6.6510, 0.4248, 0.2114



0.1264, 0.3748, 0.1838

Inverse Universe

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



19.0641, 0.3394, 0.2720



30.3128, 0.3474, 0.2593



29.5734, 0.2721, 0.3445



6.7169, 0.3186, 0.3142



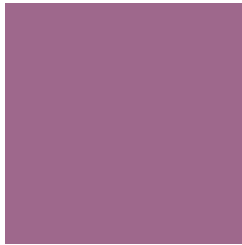
6.6510, 0.4248, 0.2114



0.1264, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 19.0632, 0.3394, 0.2720 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 19.0632, 0.3394, 0.2720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

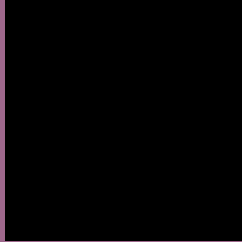
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0632, 0.3394, 0.2720

Background



This preview shows how black text looks on a background with the Yxy color 19.0632, 0.3394, 0.2720.



This preview shows how white text looks on a background with the Yxy color 19.0632, 0.3394, 0.2720.

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

19.0632, 0.3394, 0.2720

Protanopia

19.2447, 0.2731, 0.2731

Deuteranopia

19.1230, 0.2997, 0.2946



Tritanopia

18.9780, 0.3658, 0.3142

Trichromacy



Original Color

19.0632, 0.3394, 0.2720

Protanomaly

18.8870, 0.2946, 0.2716

Deuteranomaly

18.9636, 0.3135, 0.2857

Tritanomaly

19.0640, 0.3563, 0.2997

Monochromacy



Original Color

19.0632, 0.3394, 0.2720

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5685, 0.3214, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0632, 0.3394, 0.2720 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(158, 104, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 104, 140)  
}
```

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(158, 104, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 104, 140) }
```

Border

The CSS property to change the border of an element to Yxy 19.0632, 0.3394, 0.2720 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(158, 104, 140) }
```

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

```
.border{ border-color:rgb(158, 104, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 104, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 104, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 104, 140);  
box-shadow:4px 4px 4px 4px rgb(158, 104,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0632, 0.3394, 0.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 104, 140) }
```

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

```
.background{ background-color: rgb(158,  
104, 140) }
```

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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