

Converting Colors

$Y_{xy}(22.0080, 0.3306, 0.2893)$

Have a look what the booklet for
Yxy(22.0080, 0.3306, 0.2893)
contains.

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Color

Yxy(22.0080, 0.3306, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	9C768F
RGB	156, 118, 143
RGB Percent	61%, 46%, 56%
CMY	0.3882, 0.5373, 0.4391
CMYK	0.00, 0.24, 0.08, 0.39
HSL	321°, 16%, 54%
HSV	321°, 24%, 61%
XYZ	25.1498, 22.0080, 28.9155
YIQ	132.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

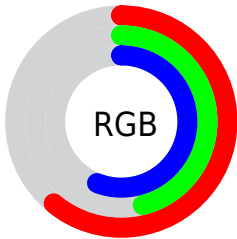
Format	Color
R _Y B	156, 118, 143
Decimal	10253967
CIE Lab	54.04, 19.12, -7.80
CIE LCh	54, 20.652, 337.799
Yxy	22.0080, 0.3306, 0.2893
Android (android.graphics.Color)	4288444047 (0xFF9C768F)
YUV	132.2120, 5.3185, 20.8621
Hunter-Lab	46.9127, 13.5964, -3.7055

Details

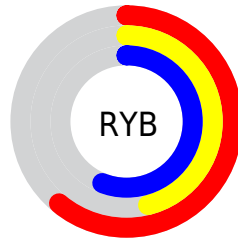
The Yxy color $22.0080, 0.3306, 0.2893$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $29.2720, 0.2984, 0.3723$, and the grayscale version is $23.1324, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.6296, 0.3267, 0.2969$, and $7.9896, 0.3362, 0.2738$ is the 20% darker color. If you saturate the color by 10%, you get $18.4757, 0.3401, 0.2724$, and if you desaturate by 10%, it is $26.1578, 0.3224, 0.3060$.

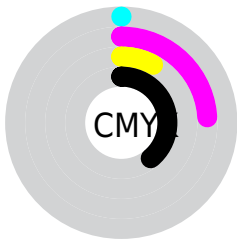
Distribution



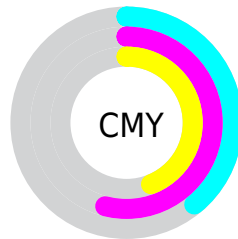
- Red (61%)
- Green (46%)
- Blue (56%)



- Red (61%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (39%)




- Cyan (39%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0080, 0.3306, 0.2893 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 22.0080, 0.3306, 0.2893 by changing the saturation by 10% instead.


 22.0080, 0.3306,
0.2893


 22.0080, 0.3306,
0.2893


262.5880, 0.3209,
0.3110


 13.8628, 0.3333,
0.2832


 46.7592, 0.3268,
0.2977

 8.0253, 0.3371,
0.2749


 64.1340, 0.3255,
0.3007

 4.1111, 0.3424,
0.2629

 85.3541, 0.3244,
0.3031

 1.7359, 0.3508,
0.2442

110.8039, 0.3235,
0.3052

 0.4468, 0.3761,
0.1883

140.8678, 0.3227,
0.3070

 0.0000, 0.0000,
0.0000

175.9302, 0.3220,

0.3085

216.3755, 0.3214,
0.3098

■ 22.0080, 0.3306,
0.2893

■ 22.0080, 0.3306,
0.2893

■ 18.4757, 0.3401,
0.2724

■ 26.1578, 0.3224,
0.3060

■ 15.5278, 0.3511,
0.2560

■ 30.9499, 0.3154,
0.3222

■ 13.1330, 0.3634,
0.2409

■ 36.4116, 0.3095,
0.3375

■ 11.2554, 0.3769,
0.2280

■ 42.5676, 0.3046,
0.3519

■ 9.8553, 0.3912,
0.2185

■ 49.4413, 0.3005,
0.3652

8.8868, 0.4060,
0.2133

57.0552, 0.2970,
0.3774

8.2941, 0.4206,
0.2128

65.4305, 0.2941,
0.3887

8.0423, 0.4290,
0.2137

74.5879, 0.2918,
0.3990

82.3521, 0.2896,
0.4050

Harmonies

Analogous

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



22.0080, 0.2931, 0.2726



22.0080, 0.3306, 0.2893



22.0080, 0.3648, 0.3153

Triad

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



22.0080, 0.3306, 0.2893



22.0080, 0.3627, 0.3925



22.0080, 0.2458, 0.3055

Complementary

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



22.0080, 0.3306, 0.2893



29.2720, 0.2984, 0.3723

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.



22.0080, 0.2622, 0.3406



22.0080, 0.3306, 0.2893



22.0080, 0.3290, 0.3937

Square

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



22.0080, 0.3306, 0.2893



22.0080, 0.3836, 0.3738



22.0080, 0.2923, 0.3742



22.0080, 0.2461, 0.2800

Rectangle

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



22.0080, 0.3306, 0.2893



22.0080, 0.3801, 0.3353



22.0080, 0.2923, 0.3742



22.0080, 0.2495, 0.3166

Sweetspot

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



22.0090, 0.3306, 0.2893



53.6721, 0.3172, 0.3178



20.1555, 0.2861, 0.2647



11.7066, 0.3176, 0.3169



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.



22.0090, 0.3306, 0.2893



36.4905, 0.3354, 0.2805



21.4890, 0.3538, 0.3188



6.7160, 0.3187, 0.3144



6.6296, 0.4280, 0.2131



0.1262, 0.3763, 0.1847

Inverse Universe

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



22.0090, 0.3306, 0.2893



36.4905, 0.3354, 0.2805



29.8252, 0.2828, 0.3396



6.7160, 0.3187, 0.3144



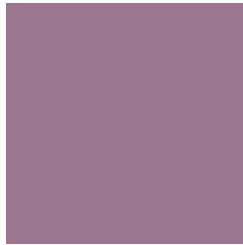
6.6296, 0.4280, 0.2131



0.1262, 0.3763, 0.1847

Previews

White Background



This preview shows how the Yxy color 22.0080, 0.3306, 0.2893 looks on a white background.

Color Contrast Check

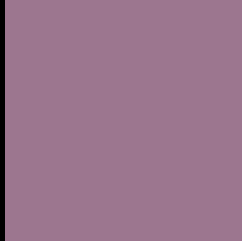
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0080, 0.3306, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

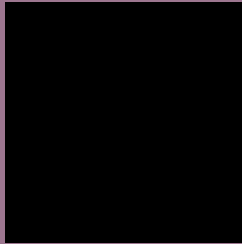
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0080, 0.3306, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 22.0080, 0.3306, 0.2893.



This preview shows how white text looks on a background with the Yxy color 22.0080, 0.3306, 0.2893.

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

22.0080, 0.3306, 0.2893

Protanopia

22.0760, 0.2877, 0.2910

Deuteranopia

22.1089, 0.3070, 0.3017



Tritanopia

21.9147, 0.3436, 0.3128

Trichromacy



Original Color

22.0080, 0.3306, 0.2893

Protanomaly

21.8403, 0.3029, 0.2902

Deuteranomaly

21.9586, 0.3154, 0.2973

Tritanomaly

21.9115, 0.3389, 0.3032

Monochromacy



Original Color

22.0080, 0.3306, 0.2893

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.6190, 0.3193, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0080, 0.3306, 0.2893 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(156, 118, 143)` looks like.

```
.text, #text, p{  
    color:rgb(156, 118, 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(156, 118, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 118, 143) }
```

Border

The CSS property to change the border of an element to Yxy 22.0080, 0.3306, 0.2893 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(156, 118, 143) }
```

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

```
.border{ border-color:rgb(156, 118, 143) }
```

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

Here you see how a box with a 4 pixel rgb(156, 118, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 118, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 118, 143);  
box-shadow:4px 4px 4px 4px rgb(156, 118,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0080, 0.3306, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 118, 143) }
```

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

```
.background{ background-color: rgb(156,  
118, 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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