

Converting Colors

$Y_{xy}(22.2326, 0.3239, 0.2828)$

Have a look what the booklet for
Yxy(22.2326, 0.3239, 0.2828)
contains.

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Color

Yxy(22.3003, 0.3233, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	9B7794
RGB	155, 119, 148
RGB Percent	61%, 47%, 58%
CMY	0.3922, 0.5333, 0.4195
CMYK	0.00, 0.23, 0.04, 0.39
HSL	312°, 15%, 54%
HSV	312°, 23%, 61%
XYZ	25.4579, 22.3003, 30.9858
YIQ	133.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

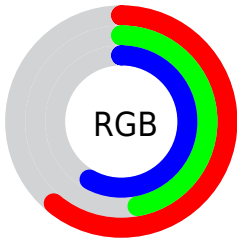
Format	Color
R _Y B	155, 119, 148
Decimal	10188692
CIE Lab	54.34, 19.10, -10.27
CIE LCh	54, 21.682, 331.730
Yxy	22.3003, 0.3233, 0.2832
Android (android.graphics.Color)	4288378772 (0xFF9B7794)
YUV	133.0700, 7.3605, 19.2326
Hunter-Lab	47.2232, 13.5884, -5.8472

Details

The Yxy color $22.3003, 0.3233, 0.2832$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $28.8651, 0.3037, 0.3796$, and the grayscale version is $23.4519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.0917, 0.3215, 0.2923$, and $8.1269, 0.3268, 0.2671$ is the 20% darker color. If you saturate the color by 10%, you get $18.8141, 0.3289, 0.2630$, and if you desaturate by 10%, it is $26.3926, 0.3183, 0.3033$.

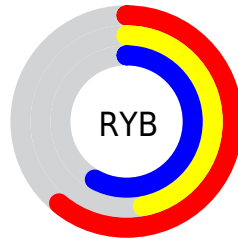
Distribution



Red (61%)

Green (47%)

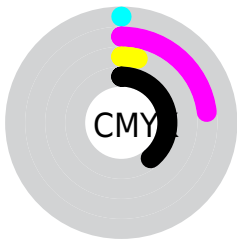
Blue (58%)



Red (61%)

Yellow (47%)

Blue (58%)

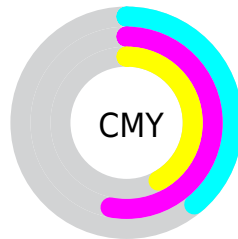


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (39%)



Cyan (39%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3003, 0.3233, 0.2832 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 22.3003, 0.3233, 0.2832 by changing the saturation by 10% instead.


 22.3003, 0.3233,
0.2832


 22.3003, 0.3233,
0.2832


264.1105, 0.3177,
0.3081


 14.0777, 0.3248,
0.2763


 47.2418, 0.3212,
0.2927

 8.1747, 0.3267,
0.2669


 64.7296, 0.3205,
0.2962

 4.2070, 0.3293,
0.2535

 86.0745, 0.3198,
0.2990

 1.7900, 0.3331,
0.2329

111.6610, 0.3193,
0.3014

 0.4809, 0.3460,
0.1797

141.8734, 0.3188,
0.3034

 0.0000, 0.0000,
0.0000

177.0962, 0.3184,

0.3052

217.7138, 0.3181,
0.3067

■ 22.3003, 0.3233,
0.2832

■ 22.3003, 0.3233,
0.2832

■ 18.8141, 0.3289,
0.2630

■ 26.3926, 0.3183,
0.3033

■ 15.9017, 0.3352,
0.2435

■ 31.1150, 0.3140,
0.3229

■ 13.5328, 0.3420,
0.2255

■ 36.4942, 0.3102,
0.3416

■ 11.6725, 0.3492,
0.2099

■ 42.5542, 0.3070,
0.3591

■ 10.2825, 0.3566,
0.1976

■ 49.3179, 0.3043,
0.3754

■ 9.3184, 0.3640,
0.1894

■ 56.8071, 0.3020,
0.3905

■ 8.7278, 0.3712,
0.1856

■ 65.0426, 0.3001,
0.4043

■ 8.4467, 0.3761,
0.1845

■ 74.0446, 0.2985,
0.4169

■ 81.5830, 0.2971,
0.4251

Harmonies

Analogous

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



22.3003, 0.2849, 0.2683



22.3003, 0.3233, 0.2832



22.3003, 0.3608, 0.3086

Triad

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



22.3003, 0.3233, 0.2832



22.3003, 0.3707, 0.3925



22.3003, 0.2451, 0.3112

Complementary

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



22.3003, 0.3233, 0.2832



28.8651, 0.3037, 0.3796

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.



22.3003, 0.2654, 0.3487



22.3003, 0.3233, 0.2832



22.3003, 0.3374, 0.3982

Square

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



22.3003, 0.3233, 0.2832



22.3003, 0.3888, 0.3702



22.3003, 0.2988, 0.3821



22.3003, 0.2418, 0.2820

Rectangle

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



22.3003, 0.3233, 0.2832



22.3003, 0.3793, 0.3290



22.3003, 0.2988, 0.3821



22.3003, 0.2500, 0.3233

Sweetspot

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



22.3013, 0.3233, 0.2832



52.2792, 0.3156, 0.3153



19.9674, 0.2816, 0.2670



11.7300, 0.3158, 0.3143



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.



22.3013, 0.3233, 0.2832



36.4850, 0.3262, 0.2724



21.7852, 0.3445, 0.3106



6.3031, 0.3165, 0.3112



6.7915, 0.3755, 0.1842



0.1062, 0.3476, 0.1688

Inverse Universe

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



22.3013, 0.3233, 0.2832



36.4850, 0.3262, 0.2724



29.3604, 0.2886, 0.3483



6.3031, 0.3165, 0.3112



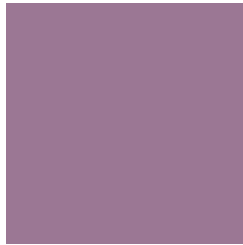
6.7915, 0.3755, 0.1842



0.1062, 0.3476, 0.1688

Previews

White Background



This preview shows how the Yxy color 22.3003, 0.3233, 0.2832 looks on a white background.

Color Contrast Check

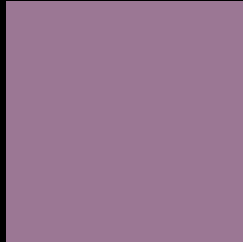
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3003, 0.3233, 0.2832 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 22.3003, 0.3233, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 22.3003, 0.3233, 0.2832.



This preview shows how white text looks on a background with the Yxy color 22.3003, 0.3233, 0.2832.

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

22.3003, 0.3233, 0.2832

Protanopia

22.4270, 0.2820, 0.2845

Deuteranopia

22.4362, 0.3006, 0.2952



Tritanopia

22.3301, 0.3406, 0.3144

Trichromacy



Original Color

22.3003, 0.3233, 0.2832

Protanomaly

22.1685, 0.2965, 0.2839

Deuteranomaly

22.2727, 0.3086, 0.2909

Tritanomaly

22.3509, 0.3348, 0.3032

Monochromacy



Original Color

22.3003, 0.3233, 0.2832

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.9360, 0.3170, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3003, 0.3233, 0.2832 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(155, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(155, 119, 148)  
}
```

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(155, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 119, 148) }
```

Border

The CSS property to change the border of an element to Yxy 22.3003, 0.3233, 0.2832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

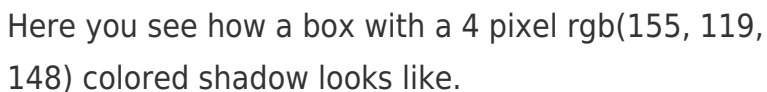
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 119, 148) }
```

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

```
.border{ border-color:rgb(155, 119, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 119, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 119, 148);  
box-shadow:4px 4px 4px 4px rgb(155, 119,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3003, 0.3233, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 119, 148) }
```

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

```
.background{ background-color: rgb(155,  
119, 148) }
```

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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