

Converting Colors

$Y_{xy}(22.1843, 0.3285, 0.2982)$

Have a look what the booklet for
Yxy(22.1843, 0.3285, 0.2982)
contains.

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Color

Yxy(22.2436, 0.3288, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	98798C
RGB	152, 121, 140
RGB Percent	60%, 47%, 55%
CMY	0.4039, 0.5255, 0.4510
CMYK	0.00, 0.20, 0.08, 0.40
HSL	323°, 13%, 54%
HSV	323°, 20%, 60%
XYZ	24.5179, 22.2436, 27.8064
YIQ	132.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

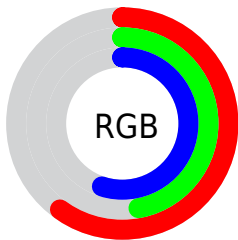
Format	Color
R_{YB}	152, 121, 140
Decimal	9992588
CIE _{Lab}	54.28, 15.34, -5.71
CIE _{LCh}	54, 16.364, 339.582
Yxy	22.2436, 0.3288, 0.2983
Android (android.graphics.Color)	4288182668 (0xFF98798C)
YUV	132.4350, 3.7295, 17.1585
Hunter-Lab	47.1631, 10.2584, -1.9419

Details

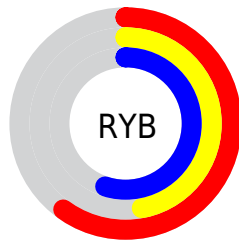
The Yxy color $22.2436, 0.3288, 0.2983$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.2136, 0.2994, 0.3618$, and the grayscale version is $23.2227, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.0476, 0.3254, 0.3037$, and $8.1396, 0.3354, 0.2865$ is the 20% darker color. If you saturate the color by 10%, you get $18.6674, 0.3389, 0.2825$, and if you desaturate by 10%, it is $26.4131, 0.3202, 0.3137$.

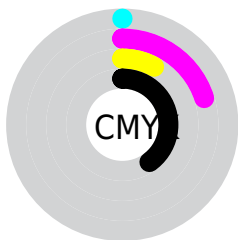
Distribution



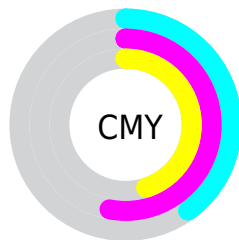
- Red (60%)
- Green (47%)
- Blue (55%)



- Red (60%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (40%)





- Cyan (40%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2436, 0.3288, 0.2983 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 22.2436, 0.3288, 0.2983 by changing the saturation by 10% instead.


 22.2436, 0.3288,
0.2983


 22.2436, 0.3288,
0.2983


263.8158, 0.3200,
0.3152


 14.0360, 0.3313,
0.2935


 47.1483, 0.3254,
0.3048

 8.1457, 0.3348,
0.2869


 64.6142, 0.3241,
0.3072

 4.1883, 0.3398,
0.2774

 85.9349, 0.3231,
0.3091

 1.7795, 0.3479,
0.2623

111.4950, 0.3223,
0.3107

 0.4743, 0.3725,
0.2141

141.6787, 0.3216,
0.3121

 0.0000, 0.0000,
0.0000

176.8705, 0.3210,

0.3132

217.4547, 0.3204,
0.3143

■ 22.2436, 0.3288,
0.2983

■ 22.2436, 0.3288,
0.2983

■ 18.6674, 0.3389,
0.2825

■ 26.4131, 0.3202,
0.3137

■ 15.6543, 0.3506,
0.2669

■ 31.1986, 0.3130,
0.3285

■ 13.1758, 0.3641,
0.2521

■ 36.6250, 0.3069,
0.3423

■ 11.1995, 0.3791,
0.2392

■ 42.7151, 0.3018,
0.3552

■ 9.6899, 0.3954,
0.2290

■ 49.4905, 0.2976,
0.3671

8.6065, 0.4125,
0.2228

56.9719, 0.2941,
0.3781

7.9017, 0.4299,
0.2212

65.1790, 0.2912,
0.3882

7.4667, 0.4466,
0.2234

74.1309, 0.2887,
0.3974

82.0448, 0.2865,
0.4030

Harmonies

Analogous

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



22.2436, 0.2991, 0.2843



22.2436, 0.3288, 0.2983



22.2436, 0.3551, 0.3197

Triad

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



22.2436, 0.3288, 0.2983



22.2436, 0.3512, 0.3796



22.2436, 0.2589, 0.3095

Complementary

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



22.2436, 0.3288, 0.2983



28.2136, 0.2994, 0.3618

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.



22.2436, 0.2715, 0.3366



22.2436, 0.3288, 0.2983



22.2436, 0.3243, 0.3790

Square

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



22.2436, 0.3288, 0.2983



22.2436, 0.3681, 0.3662



22.2436, 0.2952, 0.3629



22.2436, 0.2599, 0.2895

Rectangle

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



22.2436, 0.3288, 0.2983



22.2436, 0.3665, 0.3360



22.2436, 0.2952, 0.3629



22.2436, 0.2617, 0.3181

Sweetspot

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



22.2446, 0.3288, 0.2983



50.0968, 0.3170, 0.3201



20.9209, 0.2929, 0.2765



11.2757, 0.3174, 0.3192



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



22.2446, 0.3288, 0.2983



36.5671, 0.3327, 0.2919



21.8226, 0.3474, 0.3231



6.2830, 0.3193, 0.3155



6.2675, 0.4455, 0.2228



0.1008, 0.3807, 0.1871

Inverse Universe

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



22.2446, 0.3288, 0.2983



36.5671, 0.3327, 0.2919



28.6699, 0.2862, 0.3350



6.2830, 0.3193, 0.3155



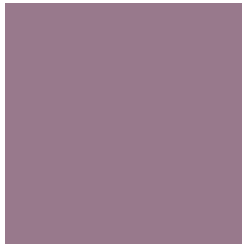
6.2675, 0.4455, 0.2228



0.1008, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 22.2436, 0.3288, 0.2983 looks on a white background.

Color Contrast Check

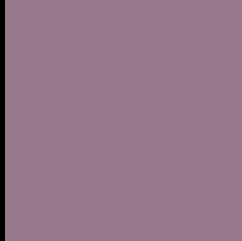
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2436, 0.3288, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

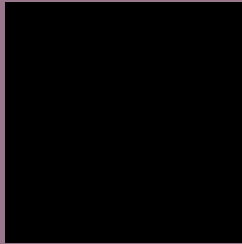
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.2436, 0.3288, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 22.2436, 0.3288, 0.2983.



This preview shows how white text looks on a background with the Yxy color 22.2436, 0.3288, 0.2983.

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

22.2436, 0.3288, 0.2983

Protanopia

22.3340, 0.2949, 0.3012

Deuteranopia

22.2748, 0.3138, 0.3069



Tritanopia

22.1643, 0.3369, 0.3126

Trichromacy



Original Color

22.2436, 0.3288, 0.2983

Protanomaly

22.2232, 0.3071, 0.3002

Deuteranomaly

22.2087, 0.3199, 0.3040

Tritanomaly

22.2476, 0.3333, 0.3078

Monochromacy



Original Color

22.2436, 0.3288, 0.2983

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.6766, 0.3180, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2436, 0.3288, 0.2983 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(152, 121, 140)` looks like.

```
.text, #text, p{  
    color:rgb(152, 121, 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(152, 121, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 121, 140) }
```

Border

The CSS property to change the border of an element to Yxy 22.2436, 0.3288, 0.2983 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(152, 121, 140) }
```

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

```
.border{ border-color:rgb(152, 121, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 121, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 121, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 121, 140);  
box-shadow:4px 4px 4px 4px rgb(152, 121,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2436, 0.3288, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 121, 140) }
```

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

```
.background{ background-color: rgb(152,  
121, 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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