

Converting Colors

$Y_{xy}(20.6995, 0.3438, 0.2909)$

Have a look what the booklet for
Yxy(20.6995, 0.3438, 0.2909)
contains.

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Color

Yxy(20.7368, 0.3442, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	9F7088
RGB	159, 112, 136
RGB Percent	62%, 44%, 53%
CMY	0.3765, 0.5608, 0.4666
CMYK	0.00, 0.30, 0.14, 0.38
HSL	329°, 20%, 53%
HSV	329°, 30%, 62%
XYZ	24.5363, 20.7368, 26.0119
YIQ	128.7890, 20.3080, 17.4280

Conversions

Conversions Part 2

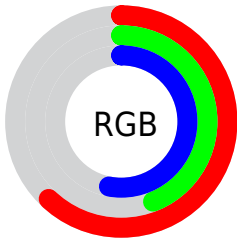
Format	Color
R_{YB}	159, 112, 136
Decimal	10449032
CIE _{Lab}	52.66, 22.42, -5.72
CIE _{LCh}	53, 23.135, 345.688
Yxy	20.7368, 0.3442, 0.2909
Android (android.graphics.Color)	4288639112 (0xFF9F7088)
YUV	128.7890, 3.5550, 26.4950
Hunter-Lab	45.5377, 16.4872, -1.9911

Details

The Yxy color $20.7368, 0.3442, 0.2909$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.9867, 0.2899, 0.3707$, and the grayscale version is $21.8581, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.5212, 0.3373, 0.2992$, and $7.3527, 0.3580, 0.2765$ is the 20% darker color. If you saturate the color by 10%, you get $17.3203, 0.3590, 0.2776$, and if you desaturate by 10%, it is $24.7907, 0.3316, 0.3043$.

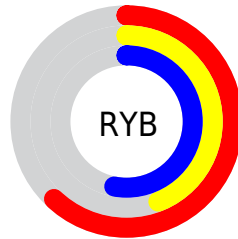
Distribution



Red (62%)

Green (44%)

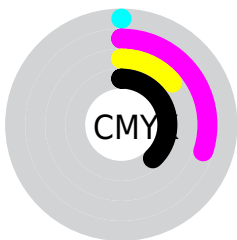
Blue (53%)



Red (62%)

Yellow (44%)

Blue (53%)

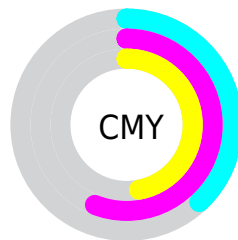


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.7368, 0.3442, 0.2909 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 20.7368, 0.3442, 0.2909 by changing the saturation by 10% instead.


 20.7368, 0.3442,
0.2909


 20.7368, 0.3442,
0.2909


255.8764, 0.3266,
0.3120


 12.9317, 0.3493,
0.2849


 44.6491, 0.3373,
0.2991


 7.3816, 0.3565,
0.2766


 61.5251, 0.3349,
0.3020

 3.7019, 0.3670,
0.2644

 82.1936, 0.3329,
0.3044

 1.5082, 0.3842,
0.2451

 107.0389, 0.3312,
0.3064

 0.2945, 0.4490,
0.1599

136.4454, 0.3298,
0.3081

 0.0000, 0.0000,
0.0000

170.7976, 0.3286,

0.3096

210.4798, 0.3275,
0.3108

■ 20.7368, 0.3442,
0.2909

■ 20.7368, 0.3442,
0.2909

■ 17.3203, 0.3590,
0.2776

■ 24.7907, 0.3316,
0.3043

■ 14.5055, 0.3763,
0.2650

■ 29.5098, 0.3211,
0.3172

■ 12.2574, 0.3960,
0.2540

■ 34.9234, 0.3124,
0.3295

■ 10.5363, 0.4177,
0.2456

■ 41.0585, 0.3051,
0.3411

■ 9.2970, 0.4409,
0.2412

■ 47.9406, 0.2991,
0.3517

■ 8.4870, 0.4645,
0.2417

■ 55.5938, 0.2941,
0.3615

■ 7.9891, 0.4877,
0.2464

■ 64.0411, 0.2899,
0.3706

■ 7.9684, 0.4888,
0.2466

■ 73.3048, 0.2865,
0.3788

■ 83.3444, 0.2836,
0.3863

Harmonies

Analogous

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



20.7368, 0.3010, 0.2690



20.7368, 0.3442, 0.2909



20.7368, 0.3803, 0.3219

Triad

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



20.7368, 0.3442, 0.2909



20.7368, 0.3603, 0.4042



20.7368, 0.2351, 0.2928

Complementary

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



20.7368, 0.3442, 0.2909



29.9867, 0.2899, 0.3707

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.



20.7368, 0.2487, 0.3309



20.7368, 0.3442, 0.2909



20.7368, 0.3198, 0.3999

Square

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



20.7368, 0.3442, 0.2909



20.7368, 0.3892, 0.3866



20.7368, 0.2791, 0.3719



20.7368, 0.2404, 0.2682

Rectangle

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



20.7368, 0.3442, 0.2909



20.7368, 0.3942, 0.3448



20.7368, 0.2791, 0.3719



20.7368, 0.2376, 0.3043

Sweetspot

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



20.7377, 0.3442, 0.2909



53.2028, 0.3208, 0.3177



19.2195, 0.2873, 0.2510



11.7130, 0.3221, 0.3160



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.



20.7377, 0.3442, 0.2909



33.2707, 0.3530, 0.2827



20.1469, 0.3753, 0.3279



6.6999, 0.3208, 0.3176



6.3030, 0.4869, 0.2456



0.1212, 0.4072, 0.2017

Inverse Universe

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



20.7377, 0.3442, 0.2909



33.2707, 0.3530, 0.2827



30.7141, 0.2716, 0.3302



6.6999, 0.3208, 0.3176



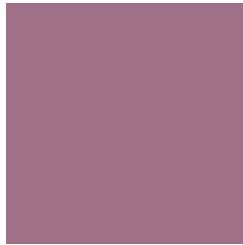
6.3030, 0.4869, 0.2456



0.1212, 0.4072, 0.2017

Previews

White Background



This preview shows how the Yxy color 20.7368, 0.3442, 0.2909 looks on a white background.

Color Contrast Check

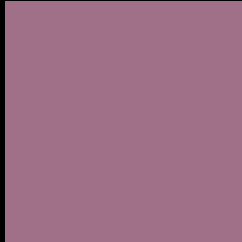
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7368, 0.3442, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

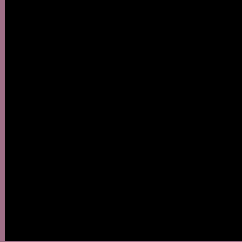
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.7368, 0.3442, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 20.7368, 0.3442, 0.2909.



This preview shows how white text looks on a background with the Yxy color 20.7368, 0.3442, 0.2909.

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

20.7368, 0.3442, 0.2909

Protanopia

20.8918, 0.2902, 0.2952

Deuteranopia

20.7086, 0.3137, 0.3080



Tritanopia

20.6328, 0.3581, 0.3145

Trichromacy



Original Color

20.7368, 0.3442, 0.2909

Protanomaly

20.5903, 0.3084, 0.2929

Deuteranomaly

20.5458, 0.3241, 0.3002

Tritanomaly

20.6379, 0.3531, 0.3049

Monochromacy



Original Color

20.7368, 0.3442, 0.2909

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.4073, 0.3232, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.7368, 0.3442, 0.2909 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(159, 112, 136)` looks like.

```
.text, #text, p{  
    color:rgb(159, 112, 136)  
}
```

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(159, 112, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 112, 136) }
```

Border

The CSS property to change the border of an element to Yxy 20.7368, 0.3442, 0.2909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

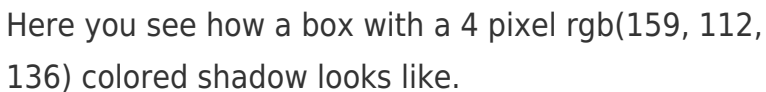
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 112, 136) }
```

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

```
.border{ border-color:rgb(159, 112, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 112, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 112, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 112, 136);  
box-shadow:4px 4px 4px 4px rgb(159, 112,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 20.7368, 0.3442, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 112, 136) }
```

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

```
.background{ background-color: rgb(159,  
112, 136) }
```

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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