

Converting Colors

$Yxy(39.2464, 0.3122, 0.2999)$

Have a look what the booklet for
Yxy(39.2464, 0.3122, 0.2999)
contains.

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Color

Yxy(39.2464, 0.3122, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	B6A2B8
RGB	182, 162, 184
RGB Percent	71%, 64%, 72%
CMY	0.2864, 0.3646, 0.2785
CMYK	0.01, 0.12, 0.00, 0.28
HSL	294°, 13%, 68%
HSV	294°, 12%, 72%
XYZ	40.8560, 39.2464, 50.7625
YIQ	170.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

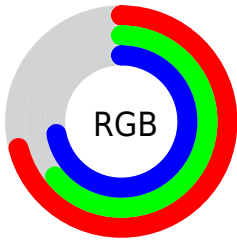
Format	Color
R_{YB}	182, 162, 184
Decimal	11969208
CIE _{Lab}	68.93, 11.27, -8.65
CIE _{LCh}	69, 14.210, 322.499
Yxy	39.2464, 0.3122, 0.2999
Android (android.graphics.Color)	4290159288 (0xFFB6A2B8)
YUV	170.4880, 6.6614, 10.0960
Hunter-Lab	62.6469, 6.7790, -4.1895

Details

The Yxy color **39.2464, 0.3122, 0.2999** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7825, 0.3130, 0.3596**, and the grayscale version is **40.4178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0941, 0.3124, 0.3054**, and **17.4577, 0.3119, 0.2908** is the 20% darker color. If you saturate the color by 10%, you get **33.0274, 0.3115, 0.2747**, and if you desaturate by 10%, it is **46.4197, 0.3127, 0.3244**.

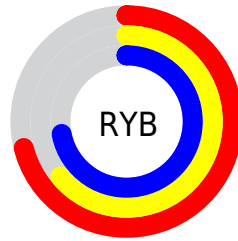
Distribution



Red (71%)

Green (64%)

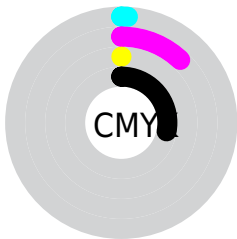
Blue (72%)



Red (71%)

Yellow (64%)

Blue (72%)

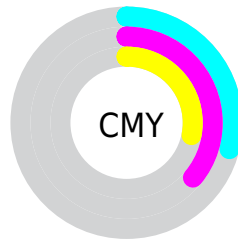


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (36%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2464, 0.3122, 0.2999 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 39.2464, 0.3122, 0.2999 by changing the saturation by 10% instead.


 39.2464, 0.3122,
0.2999


 39.2464, 0.3122,
0.2999


342.9369, 0.3126,
0.3146

 26.9515, 0.3121,
0.2962


 74.0146, 0.3124,
0.3053

 17.5368, 0.3118,
0.2914


 97.2566, 0.3124,
0.3073

 10.6179, 0.3115,
0.2851


124.9165, 0.3125,
0.3089

 5.8105, 0.3109,
0.2761

157.3786, 0.3125,
0.3104

 2.7302, 0.3099,
0.2625

195.0272, 0.3125,
0.3116

 0.9926, 0.3075,
0.2398

238.2469, 0.3126,


 0.0000, 0.2547,


0.3127

0.0000


287.4220, 0.3126,
0.3137


 0.0000, 0.0000,
0.0000

 39.2464, 0.3122,
0.2999


 39.2464, 0.3122,
0.2999

 33.0274, 0.3115,
0.2747


 46.4197, 0.3127,
0.3244


 27.7165, 0.3106,
0.2495


 54.5808, 0.3129,
0.3477


 23.2716, 0.3094,
0.2250

 63.7677, 0.3130,
0.3695

 19.6448, 0.3079,
0.2023

 74.0149, 0.3130,
0.3896

 16.7839, 0.3061,
0.1823

 85.3554, 0.3129,
0.4081

■ 14.6306, 0.3042,
0.1659

■ 86.2040, 0.3138,
0.4088

■ 13.1180, 0.3020,
0.1535

■ 86.4267, 0.3149,
0.4085

■ 12.1667, 0.2997,
0.1456

■ 86.6520, 0.3159,
0.4083

■ 11.6803, 0.2979,
0.1414

■ 86.8798, 0.3170,
0.4080

Harmonies

Analogous

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



39.2464, 0.2920, 0.2939



39.2464, 0.3122, 0.2999



39.2464, 0.3331, 0.3130

Triad

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



39.2464, 0.3122, 0.2999



39.2464, 0.3485, 0.3612



39.2464, 0.2778, 0.3261

Complementary

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



39.2464, 0.3122, 0.2999



44.7825, 0.3130, 0.3596

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.



39.2464, 0.2921, 0.3457



39.2464, 0.3122, 0.2999



39.2464, 0.3329, 0.3663

Square

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



39.2464, 0.3122, 0.2999



39.2464, 0.3545, 0.3477



39.2464, 0.3121, 0.3607



39.2464, 0.2726, 0.3082

Rectangle

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



39.2464, 0.3122, 0.2999



39.2464, 0.3445, 0.3242



39.2464, 0.3121, 0.3607



39.2464, 0.2816, 0.3327

Sweetspot

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



39.2481, 0.3122, 0.2999



81.2483, 0.3126, 0.3193



37.7715, 0.2942, 0.3014



17.2980, 0.3125, 0.3174



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.2481, 0.3122, 0.2999



68.4218, 0.3121, 0.2942



39.1390, 0.3218, 0.3114



9.1196, 0.3123, 0.3064



8.0674, 0.2982, 0.1416



0.2967, 0.3044, 0.1451

Inverse Universe

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



38.7178, 0.3320, 0.3263



67.2988, 0.3363, 0.3258



44.8924, 0.3045, 0.3472



9.0253, 0.3274, 0.3269



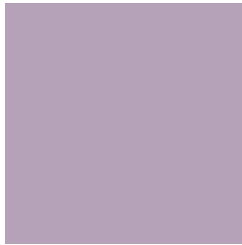
7.0557, 0.6279, 0.3233



0.2532, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 39.2464, 0.3122, 0.2999 looks on a white background.

Color Contrast Check

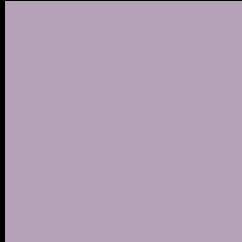
Large Text (above 18pt) WCAG AA × Fail

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 39.2464, 0.3122, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

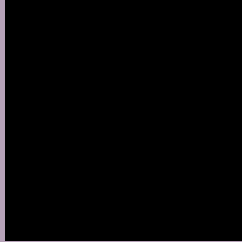
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2464, 0.3122, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 39.2464, 0.3122, 0.2999.



This preview shows how white text looks on a background with the Yxy color 39.2464, 0.3122, 0.2999.

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

39.2464, 0.3122, 0.2999

Protanopia

39.3323, 0.2953, 0.3016

Deuteranopia

39.4766, 0.3085, 0.3023



Tritanopia

39.1527, 0.3182, 0.3116

Trichromacy



Original Color

39.2464, 0.3122, 0.2999

Protanomaly

39.2261, 0.3014, 0.3006

Deuteranomaly

39.2388, 0.3094, 0.3010

Tritanomaly

39.2728, 0.3156, 0.3076

Monochromacy



Original Color

39.2464, 0.3122, 0.2999

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7312, 0.3123, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2464, 0.3122, 0.2999 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(182, 162, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 162, 184)  
}
```

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(182, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 162, 184) }
```

Border

The CSS property to change the border of an element to Yxy 39.2464, 0.3122, 0.2999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

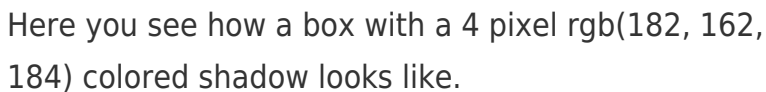
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 162, 184) }
```

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

```
.border{ border-color:rgb(182, 162, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 162, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 162, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 162, 184); box-shadow:4px 4px 4px 4px rgb(182, 162, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2464, 0.3122, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 162, 184) }
```

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

```
.background{ background-color: rgb(182,  
162, 184) }
```

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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