

Converting Colors

$Yxy(39.0537, 0.3140, 0.2998)$

Have a look what the booklet for
Yxy(39.0537, 0.3140, 0.2998)
contains.

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Color

Yxy(38.9759, 0.3141, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	B7A1B7
RGB	183, 161, 183
RGB Percent	72%, 63%, 72%
CMY	0.2823, 0.3686, 0.2824
CMYK	0.00, 0.12, 0.00, 0.28
HSL	300°, 13%, 67%
HSV	300°, 12%, 72%
XYZ	40.8214, 38.9759, 50.1657
YIQ	170.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

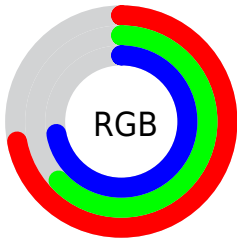
Format	Color
R_{YB}	183, 161, 183
Decimal	12034487
CIE _{Lab}	68.73, 12.01, -8.38
CIE _{LCh}	69, 14.643, 325.101
Yxy	38.9759, 0.3141, 0.2999
Android (android.graphics.Color)	4290224567 (0xFFB7A1B7)
YUV	170.0860, 6.3666, 11.3256
Hunter-Lab	62.4307, 7.4616, -3.9406

Details

The Yxy color $38.9759, 0.3141, 0.2999$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.0227, 0.3112, 0.3599$, and the grayscale version is $40.2101, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.6945, 0.3138, 0.3054$, and $17.2948, 0.3145, 0.2908$ is the 20% darker color. If you saturate the color by 10%, you get $33.0417, 0.3153, 0.2752$, and if you desaturate by 10%, it is $45.8497, 0.3129, 0.3242$.

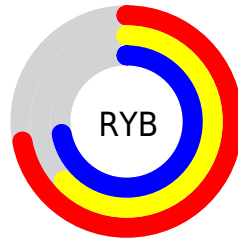
Distribution



Red (72%)

Green (63%)

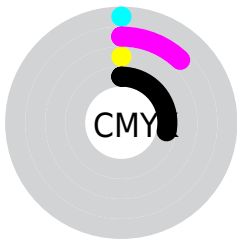
Blue (72%)



Red (72%)

Yellow (63%)

Blue (72%)

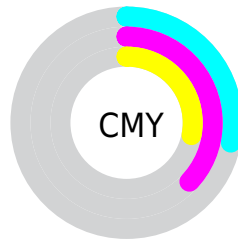


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9759, 0.3141, 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 38.9759, 0.3141, 0.2999 by changing the saturation by 10% instead.


 38.9759, 0.3141,
0.2999


 38.9759, 0.3141,
0.2999

341.7880, 0.3135,
0.3146

 26.7410, 0.3142,
0.2962


 73.6015, 0.3139,
0.3053

 17.3788, 0.3143,
0.2914


 96.7610, 0.3138,
0.3073

 10.5049, 0.3144,
0.2850


124.3307, 0.3138,
0.3090

 5.7350, 0.3145,
0.2760

156.6952, 0.3137,
0.3104

 2.6846, 0.3144,
0.2624

194.2388, 0.3137,
0.3117

 0.9694, 0.3137,
0.2396

237.3459, 0.3136,


 0.0000, 0.2697,


0.3128

0.0000


286.4008, 0.3136,
0.3137


 0.0000, 0.0000,
0.0000

 38.9759, 0.3141,
0.2999


 38.9759, 0.3141,
0.2999


 33.0417, 0.3153,
0.2752

 45.8497, 0.3129,
0.3242


 28.0015, 0.3164,
0.2508


 53.6960, 0.3118,
0.3475


 23.8135, 0.3176,
0.2275

 62.5524, 0.3108,
0.3695

 20.4306, 0.3186,
0.2063

 72.4531, 0.3098,
0.3900

 17.8013, 0.3195,
0.1881

 83.4306, 0.3089,
0.4088

■ 15.8677, 0.3202,
0.1736

■ 85.0113, 0.3088,
0.4112

■ 14.5641, 0.3207,
0.1633

■ 85.0120, 0.3088,
0.4112

■ 13.8118, 0.3210,
0.1571

■ 85.0127, 0.3088,
0.4111

■ 13.4810, 0.3211,
0.1543

■ 85.0134, 0.3088,
0.4111

Harmonies

Analogous

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



38.9759, 0.2930, 0.2930



38.9759, 0.3141, 0.2999



38.9759, 0.3355, 0.3139

Triad

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



38.9759, 0.3141, 0.2999



38.9759, 0.3486, 0.3631



38.9759, 0.2758, 0.3242

Complementary

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



38.9759, 0.3141, 0.2999



44.0227, 0.3112, 0.3599

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.



38.9759, 0.2898, 0.3446



38.9759, 0.3141, 0.2999



38.9759, 0.3318, 0.3675

Square

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



38.9759, 0.3141, 0.2999



38.9759, 0.3558, 0.3498



38.9759, 0.3102, 0.3608



38.9759, 0.2714, 0.3061

Rectangle

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



38.9759, 0.3141, 0.2999



38.9759, 0.3469, 0.3256



38.9759, 0.3102, 0.3608



38.9759, 0.2795, 0.3311

Sweetspot

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



38.9776, 0.3141, 0.2999



79.4552, 0.3132, 0.3193



36.4871, 0.2940, 0.2980



17.3372, 0.3133, 0.3175



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.



38.9776, 0.3141, 0.2999



67.3133, 0.3144, 0.2945



38.5379, 0.3239, 0.3142



9.1626, 0.3138, 0.3065



9.4034, 0.3211, 0.1543



0.3315, 0.3211, 0.1542

Inverse Universe

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



38.9776, 0.3141, 0.2999



67.3133, 0.3144, 0.2945



44.4275, 0.3028, 0.3442



9.1626, 0.3138, 0.3065



9.4034, 0.3211, 0.1543



0.3315, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 38.9759, 0.3141, 0.2999 looks on a white background.

Color Contrast Check

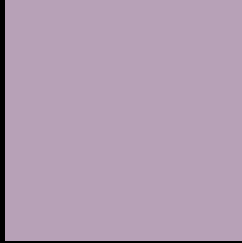
Large Text (above 18pt) WCAG AA × Fail

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 38.9759, 0.3141, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

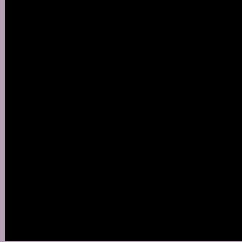
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9759, 0.3141, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 38.9759, 0.3141, 0.2999.



This preview shows how white text looks on a background with the Yxy color 38.9759, 0.3141, 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

38.9759, 0.3141, 0.2999

Protanopia

39.2246, 0.2944, 0.3015

Deuteranopia

38.9604, 0.3084, 0.3021



Tritanopia

38.8809, 0.3201, 0.3116

Trichromacy



Original Color

38.9759, 0.3141, 0.2999

Protanomaly

39.2261, 0.3014, 0.3006

Deuteranomaly

38.8433, 0.3103, 0.3009

Tritanomaly

39.0001, 0.3175, 0.3076

Monochromacy



Original Color

38.9759, 0.3141, 0.2999

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8465, 0.3132, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9759, 0.3141, 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(183, 161, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 161, 183)  
}
```

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(183, 161, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 161, 183) }
```

Border

The CSS property to change the border of an element to Yxy 38.9759, 0.3141, 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(183, 161, 183) }
```

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

```
.border{ border-color:rgb(183, 161, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 161, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 161, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 161, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 161,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9759, 0.3141, 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(183, 161, 183) }
```

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

```
.background{ background-color: rgb(183,  
161, 183) }
```

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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