

Converting Colors

$Yxy(37.8240, 0.3243, 0.3077)$

Have a look what the booklet for
Yxy(37.8240, 0.3243, 0.3077)
contains.

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Color

Yxy(37.8240, 0.3243, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	B99EAE
RGB	185, 158, 174
RGB Percent	73%, 62%, 68%
CMY	0.2747, 0.3803, 0.3177
CMYK	0.00, 0.15, 0.06, 0.27
HSL	324°, 16%, 67%
HSV	324°, 15%, 73%
XYZ	39.8646, 37.8240, 45.2364
YIQ	167.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

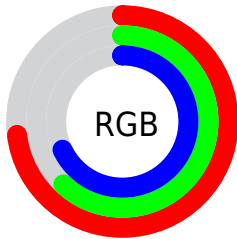
Format	Color
RYB	185, 158, 174
Decimal	12164782
CIELab	67.89, 12.67, -4.60
CIELCh	68, 13.481, 340.064
Yxy	37.8240, 0.3243, 0.3077
Android (android.graphics.Color)	4290354862 (0xFFB99EAE)
YUV	167.8970, 3.0088, 14.9993
Hunter-Lab	61.5012, 8.0750, -0.5591

Details

The Yxy color **37.8240, 0.3243, 0.3077** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.8137, 0.3026, 0.3513**, and the grayscale version is **39.0841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9464, 0.3223, 0.3125**, and **16.8261, 0.3277, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **31.6969, 0.3341, 0.2923**, and if you desaturate by 10%, it is **44.9205, 0.3160, 0.3225**.

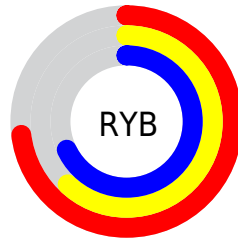
Distribution



Red (73%)

Green (62%)

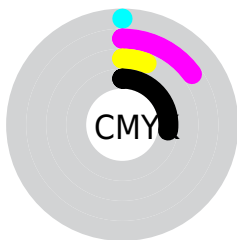
Blue (68%)



Red (73%)

Yellow (62%)

Blue (68%)

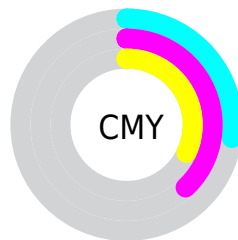


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8240, 0.3243, 0.3077 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 37.8240, 0.3243, 0.3077 by changing the saturation by 10% instead.


 37.8240, 0.3243,
0.3077


 37.8240, 0.3243,
0.3077


336.8644, 0.3184,
0.3186

 25.8461, 0.3258,
0.3049

 71.8383, 0.3221,
0.3117

 16.7086, 0.3278,
0.3013


 94.6435, 0.3213,
0.3132

 10.0269, 0.3304,
0.2965


121.8266, 0.3206,
0.3144

 5.4168, 0.3343,
0.2895

153.7720, 0.3201,
0.3155

 2.4938, 0.3401,
0.2788

190.8641, 0.3196,
0.3164

 0.8735, 0.3504,
0.2603

233.4872, 0.3191,

 0.0000, 0.5658,

0.3172

0.0000

282.0259, 0.3187,
0.3179

0.0000, 0.0000,
0.0000

37.8240, 0.3243,
0.3077

37.8240, 0.3243,
0.3077

31.6969, 0.3341,
0.2923

44.9205, 0.3160,
0.3225

26.4917, 0.3457,
0.2768

53.0213, 0.3091,
0.3365

22.1643, 0.3591,
0.2617

62.1657, 0.3034,
0.3496

18.6649, 0.3744,
0.2479

72.3894, 0.2986,
0.3616

15.9390, 0.3913,
0.2364

83.7264, 0.2946,
0.3727

■ 13.9251, 0.4095,
0.2284

■ 86.9522, 0.2907,
0.3687

■ 12.5525, 0.4283,
0.2250

■ 87.3584, 0.2868,
0.3601

■ 11.7356, 0.4469,
0.2268

■ 87.7828, 0.2829,
0.3516

■ 11.4262, 0.4570,
0.2291

■ 88.2256, 0.2791,
0.3432

Harmonies

Analogous

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



37.8240, 0.3038, 0.2977



37.8240, 0.3243, 0.3077



37.8240, 0.3421, 0.3230

Triad

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



37.8240, 0.3243, 0.3077



37.8240, 0.3392, 0.3639



37.8240, 0.2751, 0.3156

Complementary

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



37.8240, 0.3243, 0.3077



44.8137, 0.3026, 0.3513

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.



37.8240, 0.2839, 0.3342



37.8240, 0.3243, 0.3077



37.8240, 0.3207, 0.3629

Square

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



37.8240, 0.3243, 0.3077



37.8240, 0.3508, 0.3553



37.8240, 0.3005, 0.3518



37.8240, 0.2759, 0.3016

Rectangle

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



37.8240, 0.3243, 0.3077



37.8240, 0.3498, 0.3346



37.8240, 0.3005, 0.3518



37.8240, 0.2770, 0.3215

Sweetspot

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



37.8257, 0.3243, 0.3077



81.1730, 0.3157, 0.3232



36.3750, 0.2994, 0.2919



17.2789, 0.3162, 0.3221



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.



37.8257, 0.3243, 0.3077



64.6305, 0.3268, 0.3036



37.3334, 0.3368, 0.3254



9.0991, 0.3198, 0.3155



7.7994, 0.4548, 0.2279



0.2869, 0.4116, 0.2041

Inverse Universe

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



37.8257, 0.3243, 0.3077



64.6305, 0.3268, 0.3036



45.3377, 0.2929, 0.3326



9.0991, 0.3198, 0.3155



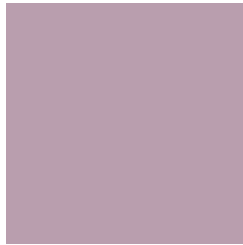
7.7994, 0.4548, 0.2279



0.2869, 0.4116, 0.2041

Previews

White Background



This preview shows how the Yxy color 37.8240, 0.3243, 0.3077 looks on a white background.

Color Contrast Check

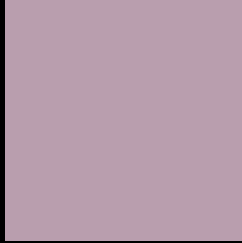
Large Text (above 18pt) WCAG AA × Fail

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 37.8240, 0.3243, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

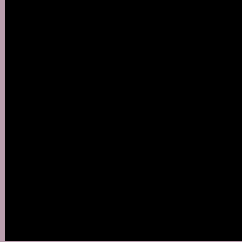
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8240, 0.3243, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 37.8240, 0.3243, 0.3077.



This preview shows how white text looks on a background with the Yxy color 37.8240, 0.3243, 0.3077.

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

37.8240, 0.3243, 0.3077

Protanopia

38.1240, 0.3017, 0.3108

Deuteranopia

37.9718, 0.3182, 0.3127



Tritanopia

38.0508, 0.3270, 0.3130

Trichromacy



Original Color

37.8240, 0.3243, 0.3077

Protanomaly

37.7856, 0.3090, 0.3083

Deuteranomaly

37.9825, 0.3212, 0.3114

Tritanomaly

38.0891, 0.3261, 0.3116

Monochromacy



Original Color

37.8240, 0.3243, 0.3077

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4519, 0.3169, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8240, 0.3243, 0.3077 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(185, 158, 174)` looks like.

```
.text, #text, p{  
    color:rgb(185, 158, 174)  
}
```

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(185, 158, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 158, 174) }
```

Border

The CSS property to change the border of an element to Yxy 37.8240, 0.3243, 0.3077 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(185, 158, 174) }
```

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

```
.border{ border-color:rgb(185, 158, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 158, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 158, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 158, 174);  
box-shadow:4px 4px 4px 4px rgb(185, 158,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8240, 0.3243, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 158, 174) }
```

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

```
.background{ background-color: rgb(185,  
158, 174) }
```

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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