

Converting Colors

$Y_{xy}(37.3718, 0.3053, 0.2865)$

Have a look what the booklet for
Yxy(37.3718, 0.3053, 0.2865)
contains.

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Color

Yxy(37.3718, 0.3053, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	B39DBD
RGB	179, 157, 189
RGB Percent	70%, 62%, 74%
CMY	0.2982, 0.3842, 0.2589
CMYK	0.05, 0.17, 0.00, 0.26
HSL	281°, 19%, 68%
HSV	281°, 17%, 74%
XYZ	39.8241, 37.3718, 53.2467
YIQ	167.2260, 2.8400, 14.6160

Conversions

Conversions Part 2

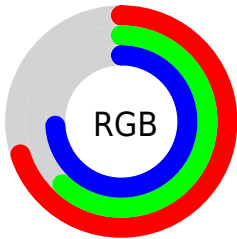
Format	Color
RYB	179, 157, 189
Decimal	11771325
CIELab	67.56, 13.99, -13.51
CIElCh	68, 19.451, 316.007
Yxy	37.3718, 0.3053, 0.2865
Android (android.graphics.Color)	4289961405 (0xFFB39DBD)
YUV	167.2260, 10.7346, 10.3258
Hunter-Lab	61.1325, 9.3001, -8.8491

Details

The Yxy color **37.3718, 0.3053, 0.2865** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.0413, 0.3189, 0.3729**, and the grayscale version is **38.7038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3417, 0.3071, 0.2950**, and **16.5213, 0.3021, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **30.7741, 0.2998, 0.2597**, and if you desaturate by 10%, it is **44.9921, 0.3100, 0.3122**.

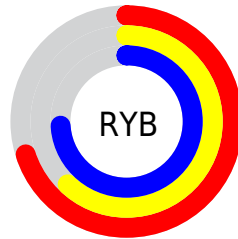
Distribution



Red (70%)

Green (62%)

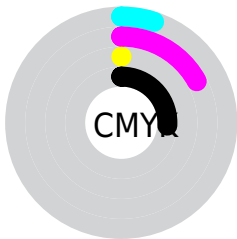
Blue (74%)



Red (70%)

Yellow (62%)

Blue (74%)

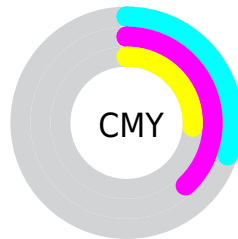


Cyan (5%)

Magenta (17%)

Yellow (0%)

Black (26%)



Cyan (30%)


Magenta (38%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3718, 0.3053, 0.2865 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 37.3718, 0.3053, 0.2865 by changing the saturation by 10% instead.


 37.3718, 0.3053,
0.2865


 37.3718, 0.3053,
0.2865


334.9174, 0.3094,
0.3079

 25.4955, 0.3042,
0.2811


 71.1442, 0.3069,
0.2943

 16.4466, 0.3026,
0.2742


 93.8092, 0.3074,
0.2972

 9.8407, 0.3005,
0.2650


120.8391, 0.3079,
0.2997

 5.2935, 0.2972,
0.2520

152.6184, 0.3083,
0.3018

 2.4205, 0.2918,
0.2327

189.5315, 0.3086,
0.3036

 0.8364, 0.2814,
0.2007

231.9628, 0.3089,

 0.0000, 0.1149,

0.3052

0.0000

280.2966, 0.3092,
0.3066

■ 0.0000, 0.0000,
0.0000

■ 37.3718, 0.3053,
0.2865

■ 37.3718, 0.3053,
0.2865

■ 30.7741, 0.2998,
0.2597

■ 44.9921, 0.3100,
0.3122

■ 25.1484, 0.2935,
0.2324

■ 53.6731, 0.3138,
0.3363

■ 20.4473, 0.2864,
0.2054

■ 63.4564, 0.3170,
0.3585

■ 16.6171, 0.2786,
0.1800

■ 74.3804, 0.3196,
0.3789

■ 13.5984, 0.2704,
0.1572

■ 86.4814, 0.3217,
0.3974

■ 11.3245, 0.2619,
0.1381

■ 89.5654, 0.3251,
0.3999

■ 9.7176, 0.2535,
0.1236

■ 90.4758, 0.3290,
0.3990

■ 8.6711, 0.2454,
0.1138

■ 91.4190, 0.3328,
0.3982

■ 8.3988, 0.2429,
0.1112

■ 92.3952, 0.3368,
0.3973

Harmonies

Analogous

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



37.3718, 0.2788, 0.2806



37.3718, 0.3053, 0.2865



37.3718, 0.3350, 0.3024

Triad

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



37.3718, 0.3053, 0.2865



37.3718, 0.3656, 0.3700



37.3718, 0.2678, 0.3306

Complementary

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



37.3718, 0.3053, 0.2865



47.0413, 0.3189, 0.3729

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.



37.3718, 0.2894, 0.3579



37.3718, 0.3053, 0.2865



37.3718, 0.3460, 0.3808

Square

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



37.3718, 0.3053, 0.2865



37.3718, 0.3708, 0.3493



37.3718, 0.3180, 0.3768



37.3718, 0.2579, 0.3044

Rectangle

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



37.3718, 0.3053, 0.2865



37.3718, 0.3524, 0.3169



37.3718, 0.3180, 0.3768



37.3718, 0.2738, 0.3400

Sweetspot

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



37.3734, 0.3053, 0.2865



83.3037, 0.3107, 0.3167



38.5326, 0.2861, 0.2985



17.6894, 0.3104, 0.3150



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.3734, 0.3053, 0.2865



62.7207, 0.3035, 0.2775



38.3611, 0.3199, 0.2950



9.5422, 0.3089, 0.3060



5.6943, 0.2439, 0.1117



0.2564, 0.2630, 0.1222

Inverse Universe

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



37.7287, 0.3349, 0.3157



63.4968, 0.3404, 0.3129



46.1968, 0.3063, 0.3656



9.5843, 0.3240, 0.3218



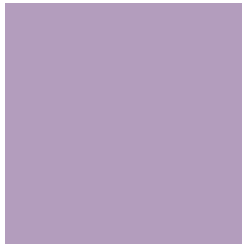
7.5057, 0.5685, 0.2905



0.3062, 0.4987, 0.2521

Previews

White Background



This preview shows how the Yxy color 37.3718, 0.3053, 0.2865 looks on a white background.

Color Contrast Check

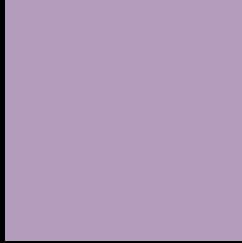
Large Text (above 18pt) WCAG AA × Fail

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 37.3718, 0.3053, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

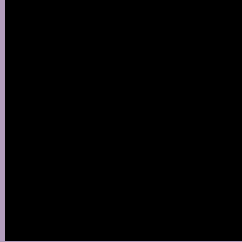
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3718, 0.3053, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 37.3718, 0.3053, 0.2865.



This preview shows how white text looks on a background with the Yxy color 37.3718, 0.3053, 0.2865.

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

37.3718, 0.3053, 0.2865

Protanopia

37.4156, 0.2844, 0.2875

Deuteranopia

37.2075, 0.2970, 0.2907



Tritanopia

37.3503, 0.3173, 0.3125

Trichromacy



Original Color

37.3718, 0.3053, 0.2865

Protanomaly

37.4025, 0.2911, 0.2867

Deuteranomaly

37.3114, 0.3006, 0.2898

Tritanomaly

37.3577, 0.3130, 0.3032

Monochromacy



Original Color

37.3718, 0.3053, 0.2865

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.9475, 0.3098, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3718, 0.3053, 0.2865 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(179, 157, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 189)  
}
```

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(179, 157, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 189) }
```

Border

The CSS property to change the border of an element to Yxy 37.3718, 0.3053, 0.2865 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(179, 157, 189) }
```

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

```
.border{ border-color:rgb(179, 157, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3718, 0.3053, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 189) }
```

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

```
.background{ background-color: rgb(179,  
157, 189) }
```

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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