

Converting Colors

$Y_{xy}(37.2883, 0.3234, 0.2913)$

Have a look what the booklet for
Yxy(37.2883, 0.3234, 0.2913)
contains.

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Color

Yxy(37.2362, 0.3233, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	BF99B6
RGB	191, 153, 182
RGB Percent	75%, 60%, 71%
CMY	0.2508, 0.4000, 0.2863
CMYK	0.00, 0.20, 0.05, 0.25
HSL	314°, 23%, 67%
HSV	314°, 20%, 75%
XYZ	41.3267, 37.2362, 49.2648
YIQ	167.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

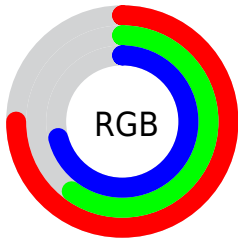
Format	Color
RYB	191, 153, 182
Decimal	12556726
CIELab	67.45, 19.08, -9.65
CIELCh	67, 21.381, 333.158
Yxy	37.2362, 0.3233, 0.2913
Android (android.graphics.Color)	4290746806 (0xFFBF99B6)
YUV	167.6680, 7.0657, 20.4622
Hunter-Lab	61.0215, 14.1012, -5.1519

Details

The Yxy color **37.2362, 0.3233, 0.2913** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.6575, 0.3036, 0.3699**, and the grayscale version is **38.9486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2413, 0.3215, 0.2987**, and **16.4061, 0.3260, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **31.2929, 0.3299, 0.2717**, and if you desaturate by 10%, it is **44.1900, 0.3176, 0.3106**.

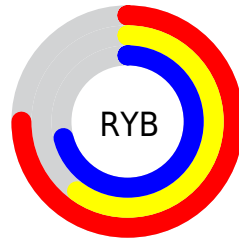
Distribution



Red (75%)

Green (60%)

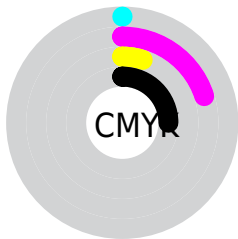
Blue (71%)



Red (75%)

Yellow (60%)

Blue (71%)

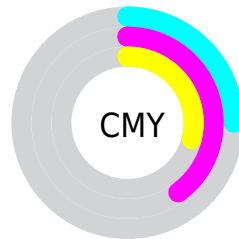


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2362, 0.3233, 0.2913 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 37.2362, 0.3233, 0.2913 by changing the saturation by 10% instead.


 37.2362, 0.3233,
0.2913


 37.2362, 0.3233,
0.2913


334.3320, 0.3181,
0.3103

 25.3904, 0.3246,
0.2865

 70.9359, 0.3214,
0.2982

 16.3682, 0.3262,
0.2804


 93.5586, 0.3207,
0.3008

 9.7851, 0.3284,
0.2721


120.5425, 0.3201,
0.3030

 5.2567, 0.3313,
0.2606

152.2718, 0.3196,
0.3049

 2.3986, 0.3356,
0.2432

189.1310, 0.3191,
0.3065

 0.8252, 0.3423,
0.2140

231.5045, 0.3187,

 0.0000, 0.3496,

0.3079

0.0000

279.7767, 0.3184,
0.3092

■ 0.0000, 0.0000,
0.0000

■ 37.2362, 0.3233,
0.2913

■ 37.2362, 0.3233,
0.2913

■ 31.2929, 0.3299,
0.2717

■ 44.1900, 0.3176,
0.3106

■ 26.3075, 0.3373,
0.2525

■ 52.1937, 0.3127,
0.3292

■ 22.2302, 0.3455,
0.2345

■ 61.2908, 0.3085,
0.3467

■ 19.0047, 0.3545,
0.2187

■ 71.5208, 0.3050,
0.3631

■ 16.5684, 0.3638,
0.2060

■ 82.9211, 0.3020,
0.3783

■ 14.8501, 0.3734,
0.1973

■ 87.2151, 0.2995,
0.3797

■ 13.7656, 0.3828,
0.1933

■ 87.4433, 0.2971,
0.3745

■ 13.1506, 0.3920,
0.1933

■ 87.6780, 0.2946,
0.3693

■ 13.1459, 0.3920,
0.1933

■ 87.9192, 0.2922,
0.3642

Harmonies

Analogous

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



37.2362, 0.2911, 0.2782



37.2362, 0.3233, 0.2913



37.2362, 0.3540, 0.3133

Triad

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



37.2362, 0.3233, 0.2913



37.2362, 0.3601, 0.3826



37.2362, 0.2555, 0.3133

Complementary

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



37.2362, 0.3233, 0.2913



46.6575, 0.3036, 0.3699

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.



37.2362, 0.2721, 0.3440



37.2362, 0.3233, 0.2913



37.2362, 0.3321, 0.3858

Square

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



37.2362, 0.3233, 0.2913



37.2362, 0.3756, 0.3650



37.2362, 0.2999, 0.3716



37.2362, 0.2533, 0.2892

Rectangle

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



37.2362, 0.3233, 0.2913



37.2362, 0.3687, 0.3307



37.2362, 0.2999, 0.3716



37.2362, 0.2595, 0.3232

Sweetspot

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



37.2378, 0.3233, 0.2913



84.3591, 0.3156, 0.3178



34.2103, 0.2879, 0.2761



18.3208, 0.3160, 0.3165



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



37.2378, 0.3233, 0.2913



61.6960, 0.3261, 0.2826



36.5097, 0.3415, 0.3156



9.6565, 0.3173, 0.3117



8.6489, 0.3909, 0.1927



0.3483, 0.3709, 0.1817

Inverse Universe

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



37.2378, 0.3233, 0.2913



61.6960, 0.3261, 0.2826



47.3796, 0.2902, 0.3429



9.6565, 0.3173, 0.3117



8.6489, 0.3909, 0.1927



0.3483, 0.3709, 0.1817

Previews

White Background



This preview shows how the Yxy color 37.2362, 0.3233, 0.2913 looks on a white background.

Color Contrast Check

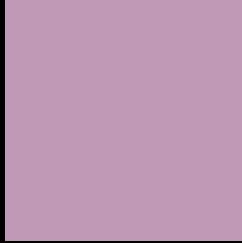
Large Text (above 18pt) WCAG AA × Fail

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 37.2362, 0.3233, 0.2913 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 37.2362, 0.3233, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 37.2362, 0.3233, 0.2913.



This preview shows how white text looks on a background with the Yxy color 37.2362, 0.3233, 0.2913.

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

37.2362, 0.3233, 0.2913

Protanopia

37.3421, 0.2884, 0.2928

Deuteranopia

37.3620, 0.3066, 0.3003



Tritanopia

37.0887, 0.3343, 0.3117

Trichromacy



Original Color

37.2362, 0.3233, 0.2913

Protanomaly

36.9994, 0.3005, 0.2921

Deuteranomaly

37.1534, 0.3133, 0.2968

Tritanomaly

37.0755, 0.3307, 0.3040

Monochromacy



Original Color

37.2362, 0.3233, 0.2913

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4416, 0.3162, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2362, 0.3233, 0.2913 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(191, 153, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 182)  
}
```

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(191, 153, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 182) }
```

Border

The CSS property to change the border of an element to Yxy 37.2362, 0.3233, 0.2913 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(191, 153, 182) }
```

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

```
.border{ border-color:rgb(191, 153, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2362, 0.3233, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 182) }
```

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

```
.background{ background-color: rgb(191,  
153, 182) }
```

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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