

Converting Colors

$Y_{xy}(37.1365, 0.3210, 0.2972)$

Have a look what the booklet for
Yxy(37.1365, 0.3210, 0.2972)
contains.

| | |
|---|----|
| Yxy(37.1365, 0.3210, 0.2972) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(37.1365, 0.3210, 0.2972)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BA9BB3 |
| RGB | 186, 155, 179 |
| RGB Percent | 73%, 61%, 70% |
| CMY | 0.2705, 0.3922, 0.2980 |
| CMYK | 0.00, 0.17, 0.04, 0.27 |
| HSL | 314°, 18%, 67% |
| HSV | 314°, 17%, 73% |
| XYZ | 40.1104, 37.1365, 47.7077 |
| YIQ | 167.0050, 10.7720, 14.0360 |

Conversions

Conversions Part 2

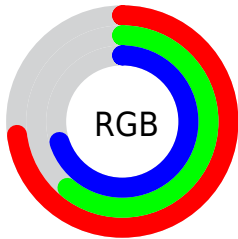
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 186, 155, 179 |
| Decimal | 12229555 |
| CIELab | 67.38, 15.65, -8.15 |
| CIELCh | 67, 17.640, 332.490 |
| Yxy | 37.1365, 0.3210, 0.2972 |
| Android (android.graphics.Color) | 4290419635 (0xFFBA9BB3) |
| YUV | 167.0050, 5.9135, 16.6586 |
| Hunter-Lab | 60.9397, 10.8439, -3.7583 |

Details

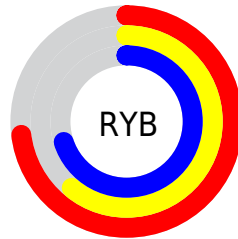
The Yxy color **37.1365, 0.3210, 0.2972** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6995, 0.3054, 0.3630**, and the grayscale version is **38.6144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9686, 0.3191, 0.3033**, and **16.3935, 0.3242, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **31.2490, 0.3270, 0.2774**, and if you desaturate by 10%, it is **43.9861, 0.3158, 0.3165**.

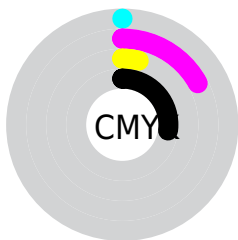
Distribution



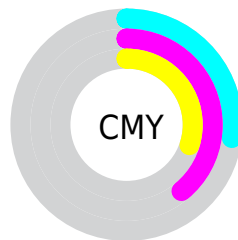
- Red (73%)
- Green (61%)
- Blue (70%)



- Red (73%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (27%)





- Cyan (27%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1365, 0.3210, 0.2972 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 37.1365, 0.3210, 0.2972 by changing the saturation by 10% instead.


 37.1365, 0.3210,
0.2972


 37.1365, 0.3210,
0.2972


333.9011, 0.3169,
0.3133

 25.3132, 0.3220,
0.2931


 70.7827, 0.3195,
0.3031

 16.3106, 0.3233,
0.2878


 93.3743, 0.3190,
0.3053

 9.7442, 0.3250,
0.2807


120.3242, 0.3185,
0.3072

 5.2297, 0.3274,
0.2707

152.0168, 0.3181,
0.3087

 2.3826, 0.3309,
0.2554

188.8363, 0.3177,
0.3101

 0.8169, 0.3365,
0.2291

231.1673, 0.3174,

 0.0000, 0.2950,

0.3113

0.0000

279.3941, 0.3171,
0.3124

0.0000, 0.0000,
0.0000

37.1365, 0.3210,
0.2972

37.1365, 0.3210,
0.2972

31.2490, 0.3270,
0.2774

43.9861, 0.3158,
0.3165

26.2753, 0.3338,
0.2578

51.8337, 0.3113,
0.3351

22.1699, 0.3414,
0.2391

60.7194, 0.3075,
0.3525

18.8818, 0.3497,
0.2223

70.6794, 0.3043,
0.3687

16.3544, 0.3584,
0.2082

81.7485, 0.3016,
0.3837

■ 14.5242, 0.3674,
0.1980

■ 86.3297, 0.2993,
0.3860

■ 13.3168, 0.3763,
0.1922

■ 86.5342, 0.2970,
0.3811

■ 12.6324, 0.3849,
0.1910

■ 86.7441, 0.2948,
0.3762

■ 12.4550, 0.3878,
0.1910

■ 86.9596, 0.2926,
0.3714

Harmonies

Analogous

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



37.1365, 0.2944, 0.2865



37.1365, 0.3210, 0.2972



37.1365, 0.3463, 0.3156

Triad

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



37.1365, 0.3210, 0.2972



37.1365, 0.3524, 0.3732



37.1365, 0.2653, 0.3169

Complementary

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



37.1365, 0.3210, 0.2972



44.6995, 0.3054, 0.3630

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.



37.1365, 0.2796, 0.3420



37.1365, 0.3210, 0.2972



37.1365, 0.3296, 0.3757

Square

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



37.1365, 0.3210, 0.2972



37.1365, 0.3647, 0.3588



37.1365, 0.3029, 0.3642



37.1365, 0.2632, 0.2966

Rectangle

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



37.1365, 0.3210, 0.2972



37.1365, 0.3585, 0.3302



37.1365, 0.3029, 0.3642



37.1365, 0.2688, 0.3251

Sweetspot

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



37.1381, 0.3210, 0.2972



81.8543, 0.3150, 0.3195



34.6401, 0.2920, 0.2855



17.8152, 0.3154, 0.3182



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.



37.1381, 0.3210, 0.2972



63.2035, 0.3231, 0.2900



36.5556, 0.3354, 0.3172



9.1271, 0.3171, 0.3115



8.3900, 0.3867, 0.1904



0.3044, 0.3666, 0.1793

Inverse Universe

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



37.1381, 0.3210, 0.2972



63.2035, 0.3231, 0.2900



45.2742, 0.2942, 0.3412



9.1271, 0.3171, 0.3115



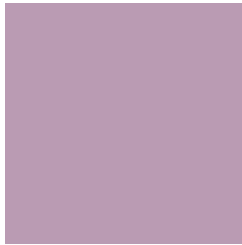
8.3900, 0.3867, 0.1904



0.3044, 0.3666, 0.1793

Previews

White Background



This preview shows how the Yxy color 37.1365, 0.3210, 0.2972 looks on a white background.

Color Contrast Check

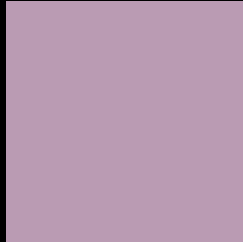
Large Text (above 18pt) WCAG AA × Fail

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 37.1365, 0.3210, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

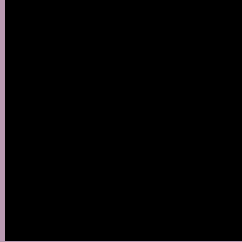
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1365, 0.3210, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 37.1365, 0.3210, 0.2972.



This preview shows how white text looks on a background with the Yxy color 37.1365, 0.3210, 0.2972.

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

37.1365, 0.3210, 0.2972

Protanopia

37.2321, 0.2932, 0.2996

Deuteranopia

37.3546, 0.3101, 0.3043



Tritanopia

37.2928, 0.3291, 0.3129

Trichromacy



Original Color

37.1365, 0.3210, 0.2972

Protanomaly

37.0651, 0.3030, 0.2987

Deuteranomaly

37.1330, 0.3140, 0.3019

Tritanomaly

37.1084, 0.3255, 0.3063

Monochromacy



Original Color

37.1365, 0.3210, 0.2972

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1333, 0.3161, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1365, 0.3210, 0.2972 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(186, 155, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 179)  
}
```

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(186, 155, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 179) }
```

Border

The CSS property to change the border of an element to Yxy 37.1365, 0.3210, 0.2972 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(186, 155, 179) }
```

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

```
.border{ border-color:rgb(186, 155, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 155, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 155, 179);  
box-shadow:4px 4px 4px 4px rgb(186, 155,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1365, 0.3210, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 179) }
```

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

```
.background{ background-color: rgb(186,  
155, 179) }
```

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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