

Converting Colors

$Y_{xy}(36.7851, 0.3205, 0.2973)$

Have a look what the booklet for
Yxy(36.7851, 0.3205, 0.2973)
contains.

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Color

Yxy(36.6398, 0.3210, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	B99AB2
RGB	185, 154, 178
RGB Percent	73%, 60%, 70%
CMY	0.2747, 0.3960, 0.3020
CMYK	0.00, 0.17, 0.04, 0.27
HSL	313°, 18%, 66%
HSV	313°, 17%, 73%
XYZ	39.5873, 36.6398, 47.0977
YIQ	166.0050, 10.7720, 14.0360

Conversions

Conversions Part 2

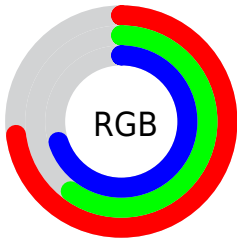
Format	Color
R _Y B	185, 154, 178
Decimal	12163762
CIE Lab	67.01, 15.62, -8.14
CIE LCh	67, 17.612, 332.466
Yxy	36.6398, 0.3210, 0.2971
Android (android.graphics.Color)	4290353842 (0xFFB99AB2)
YUV	166.0050, 5.9135, 16.6586
Hunter-Lab	60.5308, 10.8104, -3.7607

Details

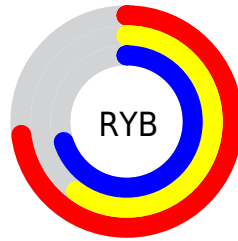
The Yxy color **36.6398, 0.3210, 0.2971** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1189, 0.3054, 0.3631**, and the grayscale version is **38.1010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7530, 0.3192, 0.3021**, and **16.0867, 0.3243, 0.2888** is the 20% darker color. If you saturate the color by 10%, you get **30.8336, 0.3270, 0.2773**, and if you desaturate by 10%, it is **43.3949, 0.3158, 0.3165**.

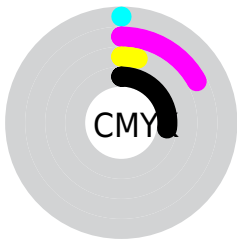
Distribution



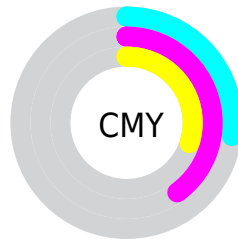
- Red (73%)
- Green (60%)
- Blue (70%)



- Red (73%)
- Yellow (60%)
- Blue (70%)



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




- Cyan (27%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6398, 0.3210, 0.2971 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 36.6398, 0.3210, 0.2971 by changing the saturation by 10% instead.


 36.6398, 0.3210,
0.2971


 36.6398, 0.3210,
0.2971


331.7484, 0.3169,
0.3133

 24.9287, 0.3220,
0.2930


 70.0184, 0.3195,
0.3030

 16.0240, 0.3233,
0.2876


 92.4548, 0.3189,
0.3053

 9.5411, 0.3251,
0.2805


119.2351, 0.3185,
0.3071

 5.0958, 0.3274,
0.2703

150.7436, 0.3181,
0.3087

 2.3036, 0.3310,
0.2548

187.3648, 0.3177,
0.3101

 0.7756, 0.3369,
0.2273

229.4831, 0.3174,

 0.0000, 0.2412,

0.3113

0.0000

277.4828, 0.3171,
0.3124

0.0000, 0.0000,
0.0000

36.6398, 0.3210,
0.2971

36.6398, 0.3210,
0.2971

30.8336, 0.3270,
0.2773

43.3949, 0.3158,
0.3165

25.9286, 0.3338,
0.2577

51.1342, 0.3113,
0.3350

21.8799, 0.3414,
0.2390

59.8973, 0.3075,
0.3524

18.6373, 0.3496,
0.2221

69.7200, 0.3043,
0.3687

16.1449, 0.3583,
0.2081

80.6364, 0.3016,
0.3837

■ 14.3400, 0.3672,
0.1979

■ 86.1365, 0.2993,
0.3876

■ 13.1495, 0.3761,
0.1921

■ 86.3375, 0.2971,
0.3827

■ 12.4740, 0.3847,
0.1908

■ 86.5439, 0.2949,
0.3779

■ 12.3003, 0.3875,
0.1908

■ 86.7556, 0.2927,
0.3730

Harmonies

Analogous

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



36.6398, 0.2943, 0.2863



36.6398, 0.3210, 0.2971



36.6398, 0.3464, 0.3155

Triad

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



36.6398, 0.3210, 0.2971



36.6398, 0.3525, 0.3733



36.6398, 0.2652, 0.3168

Complementary

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



36.6398, 0.3210, 0.2971



44.1189, 0.3054, 0.3631

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.



36.6398, 0.2795, 0.3421



36.6398, 0.3210, 0.2971



36.6398, 0.3296, 0.3758

Square

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



36.6398, 0.3210, 0.2971



36.6398, 0.3649, 0.3588



36.6398, 0.3029, 0.3643



36.6398, 0.2630, 0.2965

Rectangle

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



36.6398, 0.3210, 0.2971



36.6398, 0.3586, 0.3302



36.6398, 0.3029, 0.3643



36.6398, 0.2687, 0.3251

Sweetspot

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



36.6414, 0.3210, 0.2971



79.9176, 0.3150, 0.3195



34.1695, 0.2919, 0.2854



17.0302, 0.3153, 0.3182



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.



36.6414, 0.3210, 0.2971



61.7191, 0.3231, 0.2900



36.0643, 0.3355, 0.3172



9.1272, 0.3171, 0.3115



8.3927, 0.3865, 0.1903



0.3045, 0.3664, 0.1792

Inverse Universe

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



36.6414, 0.3210, 0.2971



61.7191, 0.3231, 0.2900



44.6881, 0.2941, 0.3412



9.1272, 0.3171, 0.3115



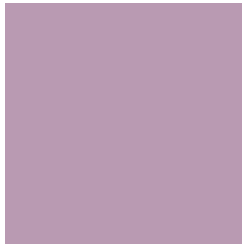
8.3927, 0.3865, 0.1903



0.3045, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 36.6398, 0.3210, 0.2971 looks on a white background.

Color Contrast Check

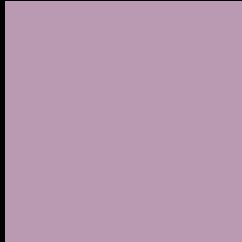
Large Text (above 18pt) WCAG AA × Fail

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 36.6398, 0.3210, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

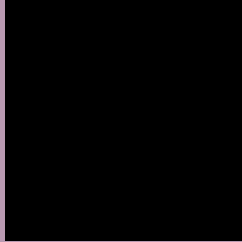
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6398, 0.3210, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 36.6398, 0.3210, 0.2971.



This preview shows how white text looks on a background with the Yxy color 36.6398, 0.3210, 0.2971.

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

36.6398, 0.3210, 0.2971

Protanopia

36.7331, 0.2931, 0.2994

Deuteranopia

36.8548, 0.3101, 0.3042



Tritanopia

36.7944, 0.3292, 0.3128

Trichromacy



Original Color

36.6398, 0.3210, 0.2971

Protanomaly

36.5675, 0.3029, 0.2985

Deuteranomaly

36.6354, 0.3140, 0.3017

Tritanomaly

36.6116, 0.3256, 0.3061

Monochromacy



Original Color

36.6398, 0.3210, 0.2971

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6272, 0.3161, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6398, 0.3210, 0.2971 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, 154, 178)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 178)  
}
```

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, 154, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 178) }
```

Border

The CSS property to change the border of an element to Yxy 36.6398, 0.3210, 0.2971 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, 154, 178) }
```

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

```
.border{ border-color:rgb(185, 154, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 154, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 178);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6398, 0.3210, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 178) }
```

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

```
.background{ background-color: rgb(185,  
154, 178) }
```

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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