

Converting Colors

$Y_{xy}(29.1435, 0.3457, 0.2958)$

Have a look what the booklet for
Yxy(29.1435, 0.3457, 0.2958)
contains.

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Color

Yxy(29.0932, 0.3458, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	B8849C
RGB	184, 132, 156
RGB Percent	72%, 52%, 61%
CMY	0.2783, 0.4824, 0.3883
CMYK	0.00, 0.28, 0.15, 0.28
HSL	332°, 27%, 62%
HSV	332°, 28%, 72%
XYZ	34.0224, 29.0932, 35.2719
YIQ	150.2840, 23.2880, 18.4880

Conversions

Conversions Part 2

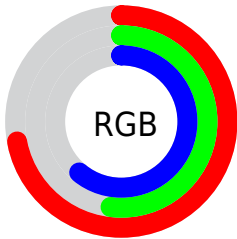
Format	Color
RYB	184, 132, 156
Decimal	12092572
CIELab	60.86, 23.70, -4.83
CIELCh	61, 24.192, 348.474
Yxy	29.0932, 0.3458, 0.2957
Android (android.graphics.Color)	4290282652 (0xFFB8849C)
YUV	150.2840, 2.8180, 29.5689
Hunter-Lab	53.9381, 18.2003, -1.0150

Details

The Yxy color **29.0932, 0.3458, 0.2957** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7339, 0.2887, 0.3650**, and the grayscale version is **30.6075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4717, 0.3397, 0.3034**, and **11.8003, 0.3565, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **24.2140, 0.3622, 0.2835**, and if you desaturate by 10%, it is **34.8827, 0.3321, 0.3079**.

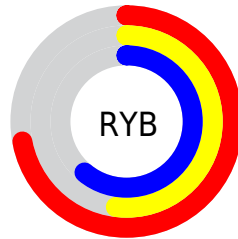
Distribution



Red (72%)

Green (52%)

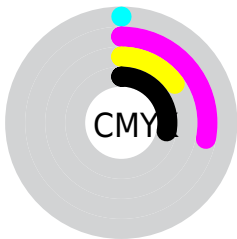
Blue (61%)



Red (72%)

Yellow (52%)

Blue (61%)

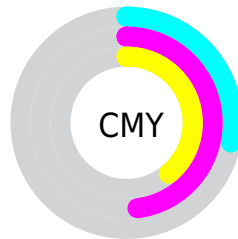


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (48%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0932, 0.3458, 0.2957 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 29.0932, 0.3458, 0.2957 by changing the saturation by 10% instead.


 29.0932, 0.3458,
0.2957


 29.0932, 0.3458,
0.2957


297.6544, 0.3282,
0.3133

 19.1513, 0.3506,
0.2910


 58.2251, 0.3391,
0.3023

 11.7797, 0.3570,
0.2848


 78.1840, 0.3367,
0.3047

 6.5938, 0.3661,
0.2761


 102.2506, 0.3347,
0.3067

 3.2094, 0.3797,
0.2632

130.8095, 0.3330,
0.3084

 1.2420, 0.4025,
0.2422

164.2449, 0.3315,
0.3099

 0.0956, 0.5546,
0.0792

202.9412, 0.3302,

 0.0000, 0.0000,

0.3112

0.0000

247.2830, 0.3291,
0.3123

■ 29.0932, 0.3458,
0.2957

■ 29.0932, 0.3458,
0.2957

■ 24.2140, 0.3622,
0.2835

■ 34.8827, 0.3321,
0.3079

■ 20.1943, 0.3814,
0.2718

■ 41.6222, 0.3206,
0.3197

■ 16.9843, 0.4036,
0.2617

■ 49.3535, 0.3112,
0.3309

■ 14.5272, 0.4283,
0.2542

■ 58.1149, 0.3034,
0.3413

■ 12.7591, 0.4548,
0.2506

■ 67.9428, 0.2970,
0.3508

■ 11.6050, 0.4818,
0.2520

■ 78.8716, 0.2917,
0.3596

■ 10.9436, 0.5078,
0.2583

■ 87.1705, 0.2870,
0.3616

■ 10.8470, 0.5123,
0.2596

■ 87.7287, 0.2819,
0.3504

■ 88.3188, 0.2769,
0.3395

Harmonies

Analogous

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



29.0932, 0.3056, 0.2741



29.0932, 0.3458, 0.2957



29.0932, 0.3782, 0.3255

Triad

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



29.0932, 0.3458, 0.2957



29.0932, 0.3542, 0.3998



29.0932, 0.2396, 0.2926

Complementary

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



29.0932, 0.3458, 0.2957



41.7339, 0.2887, 0.3650

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.



29.0932, 0.2508, 0.3273



29.0932, 0.3458, 0.2957



29.0932, 0.3158, 0.3933

Square

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



29.0932, 0.3458, 0.2957



29.0932, 0.3825, 0.3853



29.0932, 0.2782, 0.3657



29.0932, 0.2462, 0.2708

Rectangle

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



29.0932, 0.3458, 0.2957



29.0932, 0.3897, 0.3471



29.0932, 0.2782, 0.3657



29.0932, 0.2414, 0.3030

Sweetspot

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



29.0945, 0.3458, 0.2957



75.6125, 0.3205, 0.3199



27.4101, 0.2909, 0.2544



15.8802, 0.3221, 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.



29.0945, 0.3458, 0.2957



46.9717, 0.3558, 0.2880



28.8345, 0.3729, 0.3316



9.0793, 0.3218, 0.3185



7.4878, 0.5093, 0.2580



0.2765, 0.4485, 0.2244

Inverse Universe

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



29.0945, 0.3458, 0.2957



46.9717, 0.3558, 0.2880



41.9404, 0.2720, 0.3264



9.0793, 0.3218, 0.3185



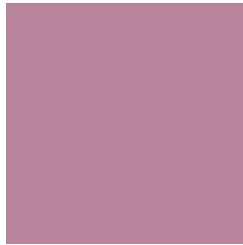
7.4878, 0.5093, 0.2580



0.2765, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 29.0932, 0.3458, 0.2957 looks on a white background.

Color Contrast Check

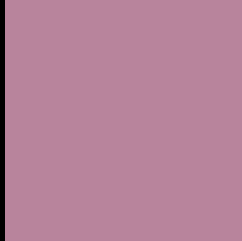
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0932, 0.3458, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

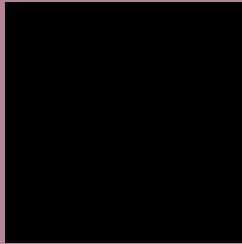
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0932, 0.3458, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 29.0932, 0.3458, 0.2957.



This preview shows how white text looks on a background with the Yxy color 29.0932, 0.3458, 0.2957.

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

29.0932, 0.3458, 0.2957

Protanopia

29.2941, 0.2940, 0.2996

Deuteranopia

29.2471, 0.3177, 0.3123



Tritanopia

29.1311, 0.3578, 0.3150

Trichromacy



Original Color

29.0932, 0.3458, 0.2957

Protanomaly

29.0293, 0.3110, 0.2976

Deuteranomaly

29.0473, 0.3268, 0.3054

Tritanomaly

28.9805, 0.3535, 0.3080

Monochromacy



Original Color

29.0932, 0.3458, 0.2957

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5933, 0.3240, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0932, 0.3458, 0.2957 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(184, 132, 156)` looks like.

```
.text, #text, p{  
    color:rgb(184, 132, 156)  
}
```

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(184, 132, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 132, 156) }
```

Border

The CSS property to change the border of an element to Yxy 29.0932, 0.3458, 0.2957 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(184, 132, 156) }
```

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

```
.border{ border-color:rgb(184, 132, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 132, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 132, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 132, 156);  
box-shadow:4px 4px 4px 4px rgb(184, 132,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0932, 0.3458, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 132, 156) }
```

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

```
.background{ background-color: rgb(184,  
132, 156) }
```

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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