

Converting Colors

$Yxy(28.9704, 0.3217, 0.2623)$

Have a look what the booklet for
Yxy(28.9704, 0.3217, 0.2623)
contains.

Yxy(29.1052, 0.3223, 0.2631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.1052, 0.3223, 0.2631)

Conversions

Conversions Part 1

Format	Color
Hex	B881B2
RGB	184, 129, 178
RGB Percent	72%, 51%, 70%
CMY	0.2784, 0.4941, 0.3019
CMYK	0.00, 0.30, 0.03, 0.28
HSL	307°, 28%, 61%
HSV	307°, 30%, 72%
XYZ	35.6541, 29.1052, 45.8648
YIQ	151.0310, 17.0510, 26.8990

Conversions

Conversions Part 2

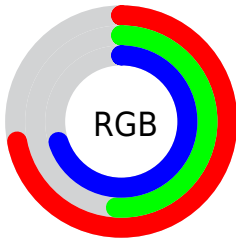
Format	Color
RYB	184, 129, 178
Decimal	12091826
CIELab	60.87, 29.25, -17.38
CIElCh	61, 34.021, 329.276
Yxy	29.1052, 0.3223, 0.2631
Android (android.graphics.Color)	4290281906 (0xFFB881B2)
YUV	151.0310, 13.2957, 28.9138
Hunter-Lab	53.9492, 23.5565, -12.6407

Details

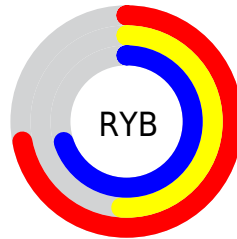
The Yxy color **29.1052, 0.3223, 0.2631** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.6974, 0.3044, 0.4052**, and the grayscale version is **30.8988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5083, 0.3209, 0.2758**, and **11.8185, 0.3246, 0.2443** is the 20% darker color. If you saturate the color by 10%, you get **24.6077, 0.3262, 0.2414**, and if you desaturate by 10%, it is **34.4792, 0.3187, 0.2854**.

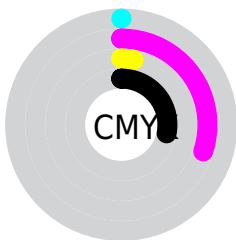
Distribution



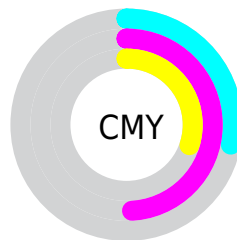
- Red (72%)
- Green (51%)
- Blue (70%)



- Red (72%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (28%)





- Cyan (28%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1052, 0.3223, 0.2631 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 29.1052, 0.3223, 0.2631 by changing the saturation by 10% instead.


 29.1052, 0.3223,
0.2631

 29.1052, 0.3223,
0.2631


297.7110, 0.3179,
0.2968

 19.1604, 0.3232,
0.2545


 58.2442, 0.3208,
0.2755

 11.7862, 0.3243,
0.2433

 78.2072, 0.3202,
0.2801

 6.5983, 0.3256,
0.2284


 102.2784, 0.3197,
0.2840

 3.2122, 0.3269,
0.2072

130.8421, 0.3193,
0.2873

 1.2435, 0.3277,
0.1755

164.2829, 0.3189,
0.2901

 0.0968, 0.3552,
0.0427

202.9850, 0.3185,

 0.0000, 0.0000,

0.2926

0.0000

247.3329, 0.3182,
0.2948

■ 29.1052, 0.3223,
0.2631

■ 29.1052, 0.3223,
0.2631

■ 24.6077, 0.3262,
0.2414

■ 34.4792, 0.3187,
0.2854

■ 20.9361, 0.3303,
0.2212

■ 40.7693, 0.3155,
0.3077

■ 18.0403, 0.3345,
0.2035

■ 48.0173, 0.3127,
0.3292

■ 15.8635, 0.3387,
0.1891

■ 56.2611, 0.3102,
0.3498

■ 14.3408, 0.3428,
0.1788

■ 65.5368, 0.3080,
0.3690

■ 13.3958, 0.3467,
0.1728

■ 75.8786, 0.3062,
0.3869

■ 12.8748, 0.3503,
0.1704

■ 85.5177, 0.3046,
0.4005

■ 12.8696, 0.3504,
0.1704

■ 85.6071, 0.3035,
0.3981

■ 85.6977, 0.3025,
0.3958

Harmonies

Analogous

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



29.1052, 0.2687, 0.2441



29.1052, 0.3223, 0.2631



29.1052, 0.3777, 0.2964

Triad

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



29.1052, 0.3223, 0.2631



29.1052, 0.3973, 0.4164



29.1052, 0.2194, 0.3058

Complementary

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



29.1052, 0.3223, 0.2631



40.6974, 0.3044, 0.4052

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.



29.1052, 0.2484, 0.3617



29.1052, 0.3223, 0.2631



29.1052, 0.3505, 0.4304

Square

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



29.1052, 0.3223, 0.2631



29.1052, 0.4224, 0.3812



29.1052, 0.2959, 0.4108



29.1052, 0.2134, 0.2639

Rectangle

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



29.1052, 0.3223, 0.2631



29.1052, 0.4061, 0.3237



29.1052, 0.2959, 0.4108



29.1052, 0.2266, 0.3236

Sweetspot

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



29.1065, 0.3223, 0.2631



74.8165, 0.3153, 0.3093



24.2716, 0.2659, 0.2444



15.7462, 0.3158, 0.3061



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.



29.1065, 0.3223, 0.2631



47.1195, 0.3249, 0.2484



28.1260, 0.3522, 0.2983



9.1454, 0.3154, 0.3089



8.8760, 0.3500, 0.1702



0.3178, 0.3416, 0.1655

Inverse Universe

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



29.1065, 0.3223, 0.2631



47.1195, 0.3249, 0.2484



41.5571, 0.2851, 0.3621



9.1454, 0.3154, 0.3089



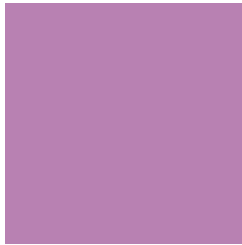
8.8760, 0.3500, 0.1702



0.3178, 0.3416, 0.1655

Previews

White Background



This preview shows how the Yxy color 29.1052, 0.3223, 0.2631 looks on a white background.

Color Contrast Check

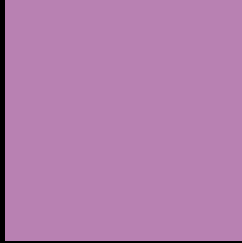
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1052, 0.3223, 0.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

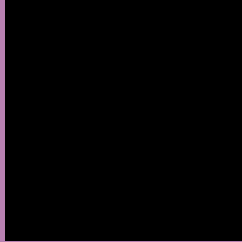
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1052, 0.3223, 0.2631

Background



This preview shows how black text looks on a background with the Yxy color 29.1052, 0.3223, 0.2631.



This preview shows how white text looks on a background with the Yxy color 29.1052, 0.3223, 0.2631.

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

29.1052, 0.3223, 0.2631

Protanopia

29.5097, 0.2652, 0.2633

Deuteranopia

29.3376, 0.2880, 0.2824



Tritanopia

29.1066, 0.3518, 0.3134

Trichromacy



Original Color

29.1052, 0.3223, 0.2631

Protanomaly

29.0736, 0.2830, 0.2622

Deuteranomaly

29.1769, 0.2998, 0.2753

Tritanomaly

29.0674, 0.3400, 0.2940

Monochromacy



Original Color

29.1052, 0.3223, 0.2631

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0047, 0.3161, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1052, 0.3223, 0.2631 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, 129, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 129, 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(184, 129, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 129, 178) }
```

Border

The CSS property to change the border of an element to Yxy 29.1052, 0.3223, 0.2631 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, 129, 178) }
```

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

```
.border{ border-color:rgb(184, 129, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 129, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 129, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 129, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 129,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1052, 0.3223, 0.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 129, 178) }
```

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

```
.background{ background-color: rgb(184,  
129, 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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