

Converting Colors

$Y_{xy}(28.5731, 0.3557, 0.3038)$

Have a look what the booklet for
Yxy(28.5731, 0.3557, 0.3038)
contains.

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Color

Yxy(28.7168, 0.3551, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	B98395
RGB	185, 131, 149
RGB Percent	73%, 51%, 58%
CMY	0.2746, 0.4862, 0.4157
CMYK	0.00, 0.29, 0.19, 0.27
HSL	340°, 28%, 62%
HSV	340°, 29%, 73%
XYZ	33.5439, 28.7168, 32.2025
YIQ	149.1980, 26.4060, 17.0460

Conversions

Conversions Part 2

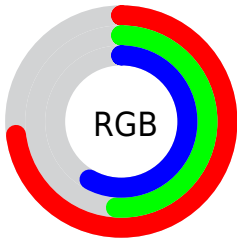
Format	Color
R _Y B	185, 131, 149
Decimal	12157845
CIE Lab	60.53, 23.47, -1.30
CIE LCh	61, 23.503, 356.824
Yxy	28.7168, 0.3551, 0.3040
Android (android.graphics.Color)	4290347925 (0xFFB98395)
YUV	149.1980, -0.0976, 31.3984
Hunter-Lab	53.5881, 17.9544, 1.8827

Details

The Yxy color **28.7168, 0.3551, 0.3040** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3060, 0.2832, 0.3557**, and the grayscale version is **30.1349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4700, 0.3466, 0.3086**, and **11.5920, 0.3708, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **23.8108, 0.3761, 0.2951**, and if you desaturate by 10%, it is **34.5543, 0.3377, 0.3129**.

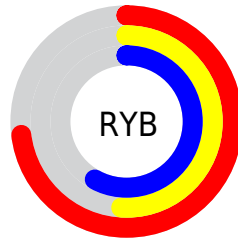
Distribution



Red (73%)

Green (51%)

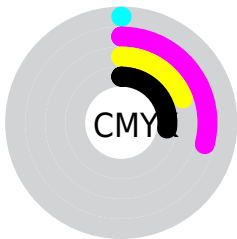
Blue (58%)



Red (73%)

Yellow (51%)

Blue (58%)

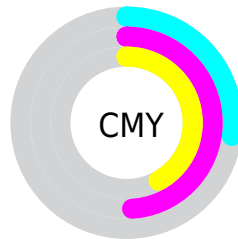


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7168, 0.3551, 0.3040 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 28.7168, 0.3551, 0.3040 by changing the saturation by 10% instead.

 28.7168, 0.3551,
0.3040


 28.7168, 0.3551,
0.3040

295.8764, 0.3323,
0.3174

 18.8667, 0.3614,
0.3003


 57.6268, 0.3464,
0.3091

 11.5740, 0.3699,
0.2954


 77.4555, 0.3432,
0.3110

 6.4543, 0.3820,
0.2884

 101.3792, 0.3406,
0.3125

 3.1232, 0.4006,
0.2778

129.7823, 0.3384,
0.3138

 1.1964, 0.4324,
0.2598

163.0492, 0.3365,
0.3149

 0.0588, 0.7462,
0.0698

201.5642, 0.3349,

 0.0000, 0.0000,

0.3158

0.0000

245.7118, 0.3335,
0.3167

■ 28.7168, 0.3551,
0.3040

■ 28.7168, 0.3551,
0.3040

■ 23.8108, 0.3761,
0.2951

■ 34.5543, 0.3377,
0.3129

■ 19.7838, 0.4010,
0.2868

■ 41.3642, 0.3235,
0.3215

■ 16.5842, 0.4301,
0.2799

■ 49.1899, 0.3118,
0.3297

■ 14.1534, 0.4625,
0.2756

■ 58.0709, 0.3023,
0.3372

■ 12.4248, 0.4970,
0.2751

■ 68.0446, 0.2945,
0.3441

■ 11.3204, 0.5309,
0.2792

■ 79.1466, 0.2881,
0.3504

■ 10.6995, 0.5617,
0.2875

■ 87.8502, 0.2824,
0.3504

■ 10.6551, 0.5642,
0.2882

■ 88.5898, 0.2762,
0.3368

■ 89.0517, 0.2726,
0.3289

Harmonies

Analogous

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



28.7168, 0.3168, 0.2801



28.7168, 0.3551, 0.3040



28.7168, 0.3824, 0.3344

Triad

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



28.7168, 0.3551, 0.3040



28.7168, 0.3434, 0.3985



28.7168, 0.2413, 0.2861

Complementary

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



28.7168, 0.3551, 0.3040



42.3060, 0.2832, 0.3557

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.



28.7168, 0.2475, 0.3171



28.7168, 0.3551, 0.3040



28.7168, 0.3051, 0.3860

Square

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



28.7168, 0.3551, 0.3040



28.7168, 0.3747, 0.3896



28.7168, 0.2702, 0.3548



28.7168, 0.2526, 0.2689

Rectangle

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



28.7168, 0.3551, 0.3040



28.7168, 0.3897, 0.3554



28.7168, 0.2702, 0.3548



28.7168, 0.2414, 0.2951

Sweetspot

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



28.7181, 0.3551, 0.3040



74.1347, 0.3235, 0.3216



27.9534, 0.2974, 0.2534



15.5773, 0.3253, 0.3204



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.



28.7181, 0.3551, 0.3040



45.6342, 0.3681, 0.2983



30.7099, 0.3727, 0.3419



9.0602, 0.3237, 0.3214



7.2692, 0.5609, 0.2864



0.2681, 0.4869, 0.2456

Inverse Universe

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



28.7181, 0.3551, 0.3040



45.6342, 0.3681, 0.2983



39.3733, 0.2697, 0.3157



9.0602, 0.3237, 0.3214



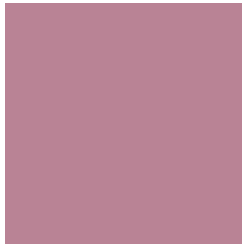
7.2692, 0.5609, 0.2864



0.2681, 0.4869, 0.2456

Previews

White Background



This preview shows how the Yxy color 28.7168, 0.3551, 0.3040 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 28.7168, 0.3551, 0.3040 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 28.7168, 0.3551, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 28.7168, 0.3551, 0.3040.



This preview shows how white text looks on a background with the Yxy color 28.7168, 0.3551, 0.3040.

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

28.7168, 0.3551, 0.3040

Protanopia

28.8304, 0.3014, 0.3086

Deuteranopia

28.9262, 0.3271, 0.3214



Tritanopia

28.6459, 0.3618, 0.3150

Trichromacy



Original Color

28.7168, 0.3551, 0.3040

Protanomaly

28.5963, 0.3191, 0.3063

Deuteranomaly

28.7501, 0.3366, 0.3142

Tritanomaly

28.7372, 0.3583, 0.3108

Monochromacy



Original Color

28.7168, 0.3551, 0.3040

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1973, 0.3272, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7168, 0.3551, 0.3040 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, 131, 149)` looks like.

```
.text, #text, p{  
    color:rgb(185, 131, 149)  
}
```

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, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 131, 149) }
```

Border

The CSS property to change the border of an element to Yxy 28.7168, 0.3551, 0.3040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

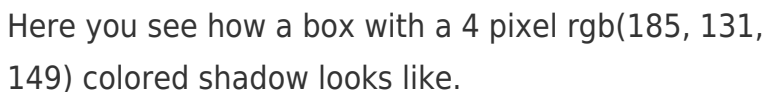
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 131, 149) }
```

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

```
.border{ border-color:rgb(185, 131, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 131, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 131, 149); box-shadow:4px 4px 4px 4px rgb(185, 131, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7168, 0.3551, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 131, 149) }
```

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

```
.background{ background-color: rgb(185,  
131, 149) }
```

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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