

Converting Colors

$Y_{xy}(28.5353, 0.3533, 0.2995)$

Have a look what the booklet for
Yxy(28.5353, 0.3533, 0.2995)
contains.

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Color

Yxy(28.5139, 0.3531, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	B98297
RGB	185, 130, 151
RGB Percent	73%, 51%, 59%
CMY	0.2744, 0.4903, 0.4078
CMYK	0.00, 0.30, 0.18, 0.27
HSL	337°, 28%, 62%
HSV	337°, 30%, 73%
XYZ	33.5832, 28.5139, 33.0126
YIQ	148.8390, 26.0390, 18.1910

Conversions

Conversions Part 2

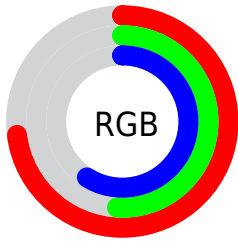
Format	Color
R_{YB}	185, 130, 151
Decimal	12157591
CIE _{Lab}	60.35, 24.38, -2.72
CIE _{LCh}	60, 24.536, 353.631
Yxy	28.5139, 0.3531, 0.2998
Android (android.graphics.Color)	4290347671 (0xFFB98297)
YUV	148.8390, 1.0654, 31.7132
Hunter-Lab	53.3984, 18.8147, 0.7239

Details

The Yxy color $28.5139, 0.3531, 0.2998$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $42.1404, 0.2845, 0.3604$, and the grayscale version is $29.9721, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1520, 0.3451, 0.3054$, and $11.4827, 0.3676, 0.2906$ is the 20% darker color. If you saturate the color by 10%, you get $23.6742, 0.3726, 0.2896$, and if you desaturate by 10%, it is $34.2775, 0.3369, 0.3100$.

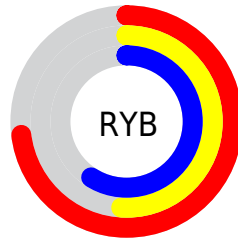
Distribution



Red (73%)

Green (51%)

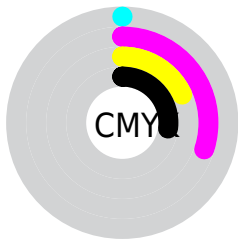
Blue (59%)



Red (73%)

Yellow (51%)

Blue (59%)

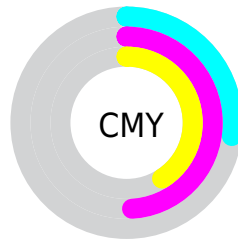


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5139, 0.3531, 0.2998 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 28.5139, 0.3531, 0.2998 by changing the saturation by 10% instead.


 28.5139, 0.3531,
0.2998


 28.5139, 0.3531,
0.2998


294.9144, 0.3314,
0.3154


 18.7134, 0.3591,
0.2956


 57.3039, 0.3448,
0.3057

 11.4634, 0.3672,
0.2899


 77.0621, 0.3418,
0.3078

 6.3794, 0.3786,
0.2820


 100.9084, 0.3393,
0.3096

 3.0771, 0.3960,
0.2700

129.2272, 0.3372,
0.3111

 1.1721, 0.4259,
0.2500

162.4028, 0.3355,
0.3124

 0.0388, 0.6997,
0.0429

200.8196, 0.3339,

 0.0000, 0.0000,

0.3135

0.0000

244.8620, 0.3326,
0.3145

■ 28.5139, 0.3531,
0.2998

■ 28.5139, 0.3531,
0.2998

■ 23.6742, 0.3726,
0.2896

■ 34.2775, 0.3369,
0.3100

■ 19.7058, 0.3957,
0.2801

■ 41.0059, 0.3235,
0.3199

■ 16.5572, 0.4224,
0.2722

■ 48.7423, 0.3125,
0.3292

■ 14.1696, 0.4522,
0.2670

■ 57.5262, 0.3034,
0.3379

■ 12.4762, 0.4837,
0.2658

■ 67.3950, 0.2960,
0.3459

■ 11.3984, 0.5151,
0.2695

■ 78.3841, 0.2899,
0.3532

■ 10.7831, 0.5445,
0.2775

■ 87.6135, 0.2846,
0.3551

■ 10.7695, 0.5452,
0.2777

■ 88.2815, 0.2788,
0.3424

■ 88.9927, 0.2731,
0.3300

Harmonies

Analogous

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



28.5139, 0.3125, 0.2760



28.5139, 0.3531, 0.2998



28.5139, 0.3835, 0.3310

Triad

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



28.5139, 0.3531, 0.2998



28.5139, 0.3487, 0.4018



28.5139, 0.2381, 0.2868

Complementary

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



28.5139, 0.3531, 0.2998



42.1404, 0.2845, 0.3604

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.



28.5139, 0.2464, 0.3205



28.5139, 0.3531, 0.2998



28.5139, 0.3089, 0.3913

Square

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



28.5139, 0.3531, 0.2998



28.5139, 0.3801, 0.3901



28.5139, 0.2717, 0.3601



28.5139, 0.2479, 0.2674

Rectangle

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



28.5139, 0.3531, 0.2998



28.5139, 0.3928, 0.3530



28.5139, 0.2717, 0.3601



28.5139, 0.2388, 0.2967

Sweetspot

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



28.5152, 0.3531, 0.2998



74.1924, 0.3227, 0.3205



27.3517, 0.2942, 0.2512



15.5915, 0.3245, 0.3191



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.



28.5152, 0.3531, 0.2998



44.9491, 0.3661, 0.2928



29.6543, 0.3754, 0.3383



9.0674, 0.3230, 0.3203



7.3428, 0.5420, 0.2759



0.2711, 0.4721, 0.2374

Inverse Universe

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



28.5152, 0.3531, 0.2998



44.9491, 0.3661, 0.2928



40.3360, 0.2694, 0.3195



9.0674, 0.3230, 0.3203



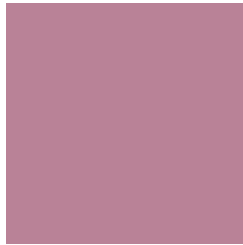
7.3428, 0.5420, 0.2759



0.2711, 0.4721, 0.2374

Previews

White Background



This preview shows how the Yxy color 28.5139, 0.3531, 0.2998 looks on a white background.

Color Contrast Check

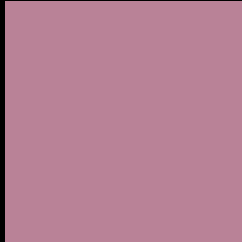
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5139, 0.3531, 0.2998 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 28.5139, 0.3531, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 28.5139, 0.3531, 0.2998.



This preview shows how white text looks on a background with the Yxy color 28.5139, 0.3531, 0.2998.

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

28.5139, 0.3531, 0.2998

Protanopia

28.7182, 0.2975, 0.3055

Deuteranopia

28.4888, 0.3230, 0.3168



Tritanopia

28.6459, 0.3618, 0.3150

Trichromacy



Original Color

28.5139, 0.3531, 0.2998

Protanomaly

28.5614, 0.3161, 0.3033

Deuteranomaly

28.4182, 0.3335, 0.3098

Tritanomaly

28.4673, 0.3586, 0.3094

Monochromacy



Original Color

28.5139, 0.3531, 0.2998

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2294, 0.3262, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5139, 0.3531, 0.2998 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, 130, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 130, 151)  
}
```

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, 130, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 130, 151) }
```

Border

The CSS property to change the border of an element to Yxy 28.5139, 0.3531, 0.2998 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, 130, 151) }
```

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

```
.border{ border-color:rgb(185, 130, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 130, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 130, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 130, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 130,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5139, 0.3531, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 130, 151) }
```

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

```
.background{ background-color: rgb(185,  
130, 151) }
```

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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