

Converting Colors

$Yxy(28.8346, 0.3463, 0.3006)$

Have a look what the booklet for
Yxy(28.8346, 0.3463, 0.3006)
contains.

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Color

Yxy(28.8987, 0.3456, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	B58599
RGB	181, 133, 153
RGB Percent	71%, 52%, 60%
CMY	0.2900, 0.4785, 0.3999
CMYK	0.00, 0.27, 0.15, 0.29
HSL	335°, 25%, 62%
HSV	335°, 27%, 71%
XYZ	33.2028, 28.8987, 33.9713
YIQ	149.6320, 22.1880, 16.3960

Conversions

Conversions Part 2

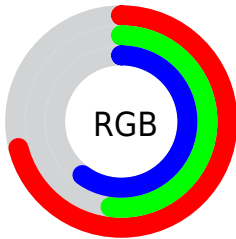
Format	Color
R_{YB}	181, 133, 153
Decimal	11896217
CIE _{Lab}	60.69, 21.57, -3.42
CIE _{LCh}	61, 21.840, 350.990
Yxy	28.8987, 0.3456, 0.3008
Android (android.graphics.Color)	4290086297 (0xFFB58599)
YUV	149.6320, 1.6604, 27.5097
Hunter-Lab	53.7575, 16.1730, 0.1627

Details

The Yxy color **28.8987, 0.3456, 0.3008** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6265, 0.2885, 0.3592**, and the grayscale version is **30.3229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6273, 0.3388, 0.3063**, and **11.6578, 0.3564, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **24.0297, 0.3629, 0.2897**, and if you desaturate by 10%, it is **34.6556, 0.3312, 0.3118**.

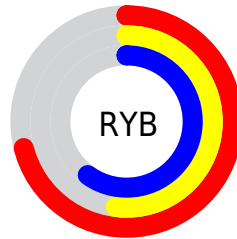
Distribution



Red (71%)

Green (52%)

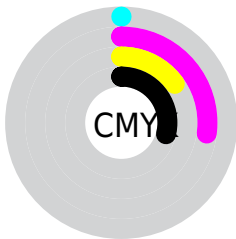
Blue (60%)



Red (71%)

Yellow (52%)

Blue (60%)

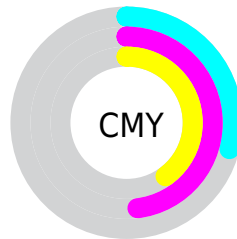


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (48%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8987, 0.3456, 0.3008 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 28.8987, 0.3456, 0.3008 by changing the saturation by 10% instead.

 28.8987, 0.3456,
0.3008


 28.8987, 0.3456,
0.3008


296.7367, 0.3280,
0.3158

 19.0042, 0.3504,
0.2968


 57.9161, 0.3389,
0.3065

 11.6733, 0.3569,
0.2914


 77.8078, 0.3365,
0.3085

 6.5216, 0.3661,
0.2838


 101.8007, 0.3345,
0.3102

 3.1648, 0.3801,
0.2725

130.2791, 0.3328,
0.3117

 1.2184, 0.4038,
0.2537

163.6276, 0.3313,
0.3129

 0.0766, 0.6002,
0.0767

202.2304, 0.3300,

 0.0000, 0.0000,

0.3140

0.0000

246.4720, 0.3289,
0.3149

■ 28.8987, 0.3456,
0.3008

■ 28.8987, 0.3456,
0.3008

■ 24.0297, 0.3629,
0.2897

■ 34.6556, 0.3312,
0.3118

■ 20.0000, 0.3833,
0.2790

■ 41.3379, 0.3193,
0.3224

■ 16.7625, 0.4071,
0.2696


■ 48.9858, 0.3096,
0.3324

■ 14.2634, 0.4339,
0.2626


■ 57.6359, 0.3015,
0.3416

■ 12.4426, 0.4629,
0.2592


■ 67.3227, 0.2949,
0.3501


 11.2300, 0.4925,
0.2605


 78.0794, 0.2894,
0.3579

 10.5313, 0.5209,
0.2670

 86.8918, 0.2846,
0.3600

 10.3440, 0.5306,
0.2697

 87.4926, 0.2792,
0.3481

 88.1299, 0.2740,
0.3364

Harmonies

Analogous

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



28.8987, 0.3094, 0.2802



28.8987, 0.3456, 0.3008



28.8987, 0.3736, 0.3285

Triad

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



28.8987, 0.3456, 0.3008



28.8987, 0.3478, 0.3932



28.8987, 0.2460, 0.2940

Complementary

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



28.8987, 0.3456, 0.3008



40.6265, 0.2885, 0.3592

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.



28.8987, 0.2550, 0.3248



28.8987, 0.3456, 0.3008



28.8987, 0.3127, 0.3854

Square

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



28.8987, 0.3456, 0.3008



28.8987, 0.3744, 0.3819



28.8987, 0.2790, 0.3594



28.8987, 0.2535, 0.2751

Rectangle

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



28.8987, 0.3456, 0.3008



28.8987, 0.3830, 0.3482



28.8987, 0.2790, 0.3594



28.8987, 0.2472, 0.3032

Sweetspot

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



28.9000, 0.3456, 0.3008



71.9829, 0.3211, 0.3208



27.6044, 0.2942, 0.2597



15.1582, 0.3227, 0.3192



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.9000, 0.3456, 0.3008



46.3260, 0.3556, 0.2941



29.1833, 0.3675, 0.3338



8.5621, 0.3224, 0.3195



7.1398, 0.5274, 0.2679



0.2364, 0.4560, 0.2286

Inverse Universe

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



28.9000, 0.3456, 0.3008



46.3260, 0.3556, 0.2941



40.1022, 0.2741, 0.3242



8.5621, 0.3224, 0.3195



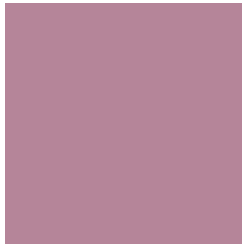
7.1398, 0.5274, 0.2679



0.2364, 0.4560, 0.2286

Previews

White Background



This preview shows how the Yxy color 28.8987, 0.3456, 0.3008 looks on a white background.

Color Contrast Check

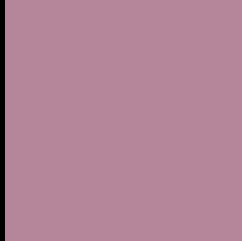
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8987, 0.3456, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

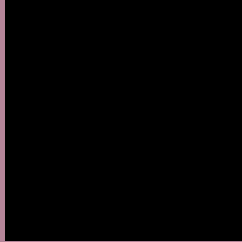
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8987, 0.3456, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 28.8987, 0.3456, 0.3008.



This preview shows how white text looks on a background with the Yxy color 28.8987, 0.3456, 0.3008.

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

28.8987, 0.3456, 0.3008

Protanopia

29.1507, 0.2976, 0.3056

Deuteranopia

28.9513, 0.3219, 0.3153



Tritanopia

28.7978, 0.3532, 0.3134

Trichromacy



Original Color

28.8987, 0.3456, 0.3008

Protanomaly

28.7875, 0.3139, 0.3033

Deuteranomaly

28.9477, 0.3300, 0.3098

Tritanomaly

28.8916, 0.3498, 0.3092

Monochromacy



Original Color

28.8987, 0.3456, 0.3008

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.7580, 0.3238, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8987, 0.3456, 0.3008 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(181, 133, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 133, 153)  
}
```

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(181, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 133, 153) }
```

Border

The CSS property to change the border of an element to Yxy 28.8987, 0.3456, 0.3008 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(181, 133, 153) }
```

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

```
.border{ border-color:rgb(181, 133, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 133, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 133,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8987, 0.3456, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 133, 153) }
```

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

```
.background{ background-color: rgb(181,  
133, 153) }
```

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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