

Converting Colors

$Yxy(28.9584, 0.3363, 0.2990)$

Have a look what the booklet for
Yxy(28.9584, 0.3363, 0.2990)
contains.

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Color

Yxy(28.9584, 0.3363, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	B0879C
RGB	176, 135, 156
RGB Percent	69%, 53%, 61%
CMY	0.3097, 0.4706, 0.3883
CMYK	0.00, 0.23, 0.11, 0.31
HSL	329°, 21%, 61%
HSV	329°, 23%, 69%
XYZ	32.5709, 28.9584, 35.3215
YIQ	149.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

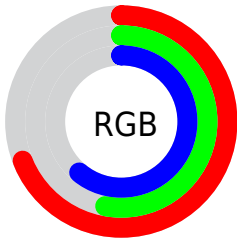
Format	Color
R_{YB}	176, 135, 156
Decimal	11569052
CIE _{Lab}	60.74, 19.09, -5.10
CIE _{LCh}	61, 19.765, 345.037
Yxy	28.9584, 0.3363, 0.2990
Android (android.graphics.Color)	4289759132 (0xFFB0879C)
YUV	149.6530, 3.1291, 23.1063
Hunter-Lab	53.8130, 13.8664, -1.2474

Details

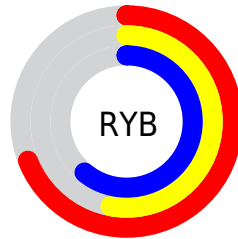
The Yxy color **28.9584, 0.3363, 0.2990** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5745, 0.2943, 0.3611**, and the grayscale version is **30.3265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7754, 0.3319, 0.3049**, and **11.7279, 0.3441, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **24.1665, 0.3498, 0.2855**, and if you desaturate by 10%, it is **34.5854, 0.3249, 0.3123**.

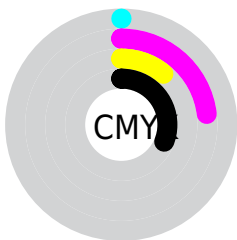
Distribution



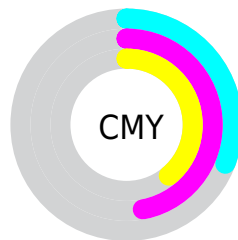
- Red (69%)
- Green (53%)
- Blue (61%)



- Red (69%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9584, 0.3363, 0.2990 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 28.9584, 0.3363, 0.2990 by changing the saturation by 10% instead.


 28.9584, 0.3363,
0.2990


 28.9584, 0.3363,
0.2990


297.0186, 0.3237,
0.3149


 19.0494, 0.3397,
0.2947


 58.0110, 0.3315,
0.3050

 11.7059, 0.3443,
0.2891


 77.9233, 0.3298,
0.3072

 6.5438, 0.3507,
0.2812


 101.9389, 0.3284,
0.3090

 3.1785, 0.3604,
0.2695

130.4420, 0.3272,
0.3105

 1.2256, 0.3766,
0.2502

163.8172, 0.3261,
0.3118

 0.0825, 0.5072,
0.0768

202.4487, 0.3252,

 0.0000, 0.0000,

0.3130

0.0000

246.7211, 0.3244,
0.3140

■ 28.9584, 0.3363,
0.2990

■ 28.9584, 0.3363,
0.2990

■ 24.1665, 0.3498,
0.2855

■ 34.5854, 0.3249,
0.3123

■ 20.1657, 0.3657,
0.2722

■ 41.0813, 0.3155,
0.3250

■ 16.9134, 0.3841,
0.2600

■ 48.4825, 0.3076,
0.3369

■ 14.3617, 0.4049,
0.2499

■ 56.8223, 0.3011,
0.3480

■ 12.4571, 0.4275,
0.2431

■ 66.1323, 0.2957,
0.3582

■ 11.1382, 0.4511,
0.2407

■ 76.4426, 0.2913,
0.3676

■ 10.3313, 0.4746,
0.2435

■ 85.7169, 0.2874,
0.3728

■ 9.9715, 0.4902,
0.2474

■ 86.1734, 0.2830,
0.3628

■ 86.6535, 0.2787,
0.3529

Harmonies

Analogous

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



28.9584, 0.3034, 0.2819



28.9584, 0.3363, 0.2990



28.9584, 0.3638, 0.3234

Triad

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



28.9584, 0.3363, 0.2990



28.9584, 0.3503, 0.3862



28.9584, 0.2525, 0.3024

Complementary

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



28.9584, 0.3363, 0.2990



38.5745, 0.2943, 0.3611

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.



28.9584, 0.2637, 0.3316



28.9584, 0.3363, 0.2990



28.9584, 0.3194, 0.3825

Square

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



28.9584, 0.3363, 0.2990



28.9584, 0.3717, 0.3735



28.9584, 0.2878, 0.3619



28.9584, 0.2564, 0.2826

Rectangle

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



28.9584, 0.3363, 0.2990



28.9584, 0.3745, 0.3414



28.9584, 0.2878, 0.3619



28.9584, 0.2546, 0.3114

Sweetspot

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



28.9597, 0.3363, 0.2990



69.8036, 0.3189, 0.3202



27.4142, 0.2934, 0.2683



14.9792, 0.3194, 0.3195



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



28.9597, 0.3363, 0.2990



47.8205, 0.3430, 0.2920



28.3282, 0.3590, 0.3281



8.5754, 0.3210, 0.3174



7.3268, 0.4879, 0.2462



0.2423, 0.4295, 0.2140

Inverse Universe

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



28.9597, 0.3363, 0.2990



47.8205, 0.3430, 0.2920



39.3153, 0.2794, 0.3299



8.5754, 0.3210, 0.3174



7.3268, 0.4879, 0.2462



0.2423, 0.4295, 0.2140

Previews

White Background



This preview shows how the Yxy color 28.9584, 0.3363, 0.2990 looks on a white background.

Color Contrast Check

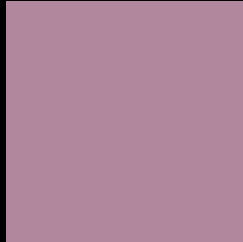
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9584, 0.3363, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

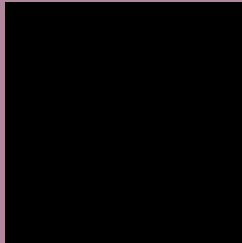
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9584, 0.3363, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 28.9584, 0.3363, 0.2990.



This preview shows how white text looks on a background with the Yxy color 28.9584, 0.3363, 0.2990.

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

28.9584, 0.3363, 0.2990

Protanopia

29.2219, 0.2958, 0.3026

Deuteranopia

28.8807, 0.3158, 0.3092



Tritanopia

29.1119, 0.3446, 0.3146

Trichromacy



Original Color

28.9584, 0.3363, 0.2990

Protanomaly

28.9520, 0.3098, 0.3017

Deuteranomaly

28.7243, 0.3236, 0.3051

Tritanomaly

28.9243, 0.3415, 0.3088

Monochromacy



Original Color

28.9584, 0.3363, 0.2990

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8887, 0.3206, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9584, 0.3363, 0.2990 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(176, 135, 156)` looks like.

```
.text, #text, p{  
    color:rgb(176, 135, 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(176, 135, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 135, 156) }
```

Border

The CSS property to change the border of an element to Yxy 28.9584, 0.3363, 0.2990 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(176, 135, 156) }
```

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

```
.border{ border-color:rgb(176, 135, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 135, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 135, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 135, 156);  
box-shadow:4px 4px 4px 4px rgb(176, 135,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9584, 0.3363, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 135, 156) }
```

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

```
.background{ background-color: rgb(176,  
135, 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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