

Converting Colors

$Yxy(29.9424, 0.3615, 0.3378)$

Have a look what the booklet for
Yxy(29.9424, 0.3615, 0.3378)
contains.

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Color

Yxy(29.9424, 0.3615, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	B28C86
RGB	178, 140, 134
RGB Percent	70%, 55%, 53%
CMY	0.3019, 0.4510, 0.4744
CMYK	0.00, 0.21, 0.25, 0.30
HSL	8°, 22%, 61%
HSV	8°, 25%, 70%
XYZ	32.0432, 29.9424, 26.6539
YIQ	150.6780, 24.5740, 6.1900

Conversions

Conversions Part 2

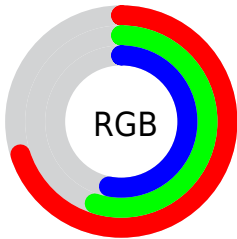
Format	Color
RYB	178, 141, 134
Decimal	11701382
CIELab	61.60, 13.49, 8.69
CIELCh	62, 16.046, 32.788
Yxy	29.9424, 0.3615, 0.3378
Android (android.graphics.Color)	4289891462 (0xFFB28C86)
YUV	150.6780, -8.2223, 23.9614
Hunter-Lab	54.7196, 8.7680, 9.4237

Details

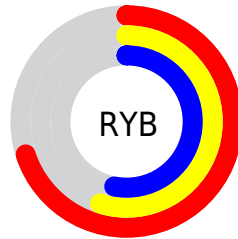
The Yxy color **29.9424, 0.3615, 0.3378** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8007, 0.2762, 0.3200**, and the grayscale version is **30.8320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6639, 0.3512, 0.3369**, and **12.2375, 0.3786, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **25.3026, 0.3890, 0.3416**, and if you desaturate by 10%, it is **35.2970, 0.3388, 0.3341**.

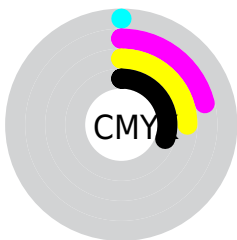
Distribution



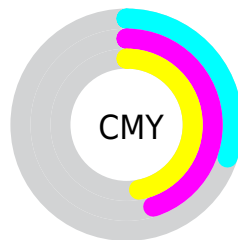
- Red (70%)
- Green (55%)
- Blue (53%)



- Red (70%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (30%)





- Cyan (30%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9424, 0.3615, 0.3378 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 29.9424, 0.3615, 0.3378 by changing the saturation by 10% instead.


 29.9424, 0.3615,
0.3378


 29.9424, 0.3615,
0.3378


301.6359, 0.3351,
0.3335

 19.7949, 0.3688,
0.3388


 59.5711, 0.3514,
0.3363

 12.2460, 0.3787,
0.3400


 79.8210, 0.3477,
0.3357

 6.9115, 0.3928,
0.3414


 104.2072, 0.3447,
0.3352

 3.4068, 0.4144,
0.3430

133.1141, 0.3422,
0.3348

 1.3476, 0.4525,
0.3450

166.9260, 0.3400,
0.3344

 0.1776, 0.7371,
0.2629

206.0273, 0.3382,

 0.0000, 0.0000,

0.3341

0.0000

250.8025, 0.3365,
0.3338

■ 29.9424, 0.3615,
0.3378

■ 29.9424, 0.3615,
0.3378

■ 25.3026, 0.3890,
0.3416

■ 35.2970, 0.3388,
0.3341

■ 21.3433, 0.4218,
0.3452

■ 41.3905, 0.3203,
0.3306

■ 18.0336, 0.4600,
0.3482

■ 48.2510, 0.3050,
0.3273

■ 15.3387, 0.5022,
0.3500

■ 55.9041, 0.2925,
0.3244

■ 13.2202, 0.5456,
0.3499

■ 64.3738, 0.2822,
0.3217

■ 11.6358, 0.5852,
0.3473

■ 73.6835, 0.2736,
0.3192

■ 10.5368, 0.6152,
0.3423

■ 83.6196, 0.2682,
0.3209

■ 10.1263, 0.6275,
0.3400

■ 88.2054, 0.2691,
0.3289

Harmonies

Analogous

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



29.9424, 0.3457, 0.3161



29.9424, 0.3615, 0.3378



29.9424, 0.3635, 0.3583

Triad

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



29.9424, 0.3615, 0.3378



29.9424, 0.3029, 0.3632



29.9424, 0.2746, 0.2869

Complementary

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



29.9424, 0.3615, 0.3378



37.8007, 0.2762, 0.3200

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.



29.9424, 0.2643, 0.2972



29.9424, 0.3615, 0.3378



29.9424, 0.2801, 0.3415

Square

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



29.9424, 0.3615, 0.3378



29.9424, 0.3290, 0.3745



29.9424, 0.2663, 0.3169



29.9424, 0.2951, 0.2874

Rectangle

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



29.9424, 0.3615, 0.3378



29.9424, 0.3568, 0.3687



29.9424, 0.2663, 0.3169



29.9424, 0.2699, 0.2891

Sweetspot

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



29.9438, 0.3615, 0.3378



72.2619, 0.3244, 0.3314



29.5066, 0.3215, 0.2762



15.8617, 0.3255, 0.3316



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.



29.9438, 0.3615, 0.3378



49.2529, 0.3768, 0.3400



36.9851, 0.3543, 0.3685



8.6853, 0.3284, 0.3322



7.3009, 0.6261, 0.3411



0.2883, 0.5848, 0.3739

Inverse Universe

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



37.8007, 0.2762, 0.3200



66.1133, 0.2683, 0.3176



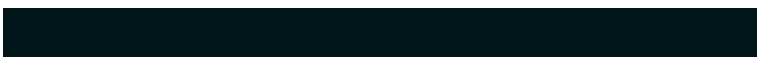
30.1458, 0.2733, 0.2861



9.4307, 0.2986, 0.3258



18.8599, 0.2128, 0.2861



0.6475, 0.2164, 0.2992

Previews

White Background



This preview shows how the Yxy color 29.9424, 0.3615, 0.3378 looks on a white background.

Color Contrast Check

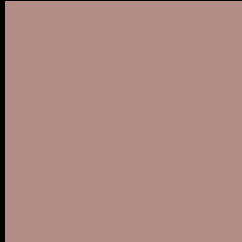
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9424, 0.3615, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

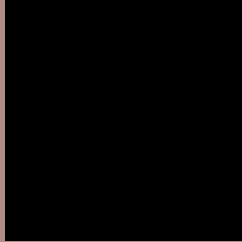
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9424, 0.3615, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 29.9424, 0.3615, 0.3378.



This preview shows how white text looks on a background with the Yxy color 29.9424, 0.3615, 0.3378.

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

29.9424, 0.3615, 0.3378

Protanopia

29.9139, 0.3278, 0.3431

Deuteranopia

30.0750, 0.3513, 0.3456



Tritanopia

30.0184, 0.3488, 0.3149

Trichromacy



Original Color

29.9424, 0.3615, 0.3378

Protanomaly

29.8435, 0.3401, 0.3413

Deuteranomaly

30.1090, 0.3549, 0.3439

Tritanomaly

30.0321, 0.3530, 0.3234

Monochromacy



Original Color

29.9424, 0.3615, 0.3378

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4888, 0.3294, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9424, 0.3615, 0.3378 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(178, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(178, 140, 134)  
}
```

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(178, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 140, 134) }
```

Border

The CSS property to change the border of an element to Yxy 29.9424, 0.3615, 0.3378 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(178, 140, 134) }
```

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

```
.border{ border-color:rgb(178, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(178, 140,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9424, 0.3615, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 140, 134) }
```

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

```
.background{ background-color: rgb(178,  
140, 134) }
```

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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