

Converting Colors

$Yxy(29.0432, 0.3090, 0.2868)$

Have a look what the booklet for
Yxy(29.0432, 0.3090, 0.2868)
contains.

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Color

Yxy(28.9738, 0.3084, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	A28BA8
RGB	162, 139, 168
RGB Percent	64%, 55%, 66%
CMY	0.3647, 0.4549, 0.3412
CMYK	0.04, 0.17, 0.00, 0.34
HSL	288°, 14%, 60%
HSV	288°, 17%, 66%
XYZ	31.1994, 28.9738, 40.9923
YIQ	149.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

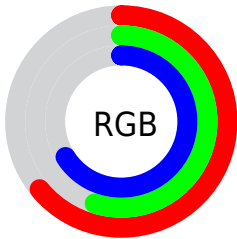
Format	Color
R_{YB}	162, 139, 168
Decimal	10652584
CIE _{Lab}	60.76, 14.05, -12.07
CIE _{LCh}	61, 18.528, 319.339
Yxy	28.9738, 0.3084, 0.2864
Android (android.graphics.Color)	4288842664 (0xFFA28BA8)
YUV	149.1830, 9.2768, 11.2405
Hunter-Lab	53.8273, 9.2645, -7.4733

Details

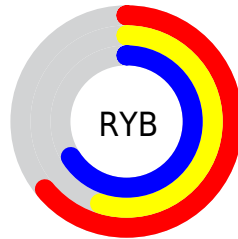
The Yxy color **28.9738, 0.3084, 0.2864** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.8893, 0.3161, 0.3739**, and the grayscale version is **30.0951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2194, 0.3096, 0.2954**, and **11.7207, 0.3062, 0.2728** is the 20% darker color. If you saturate the color by 10%, you get **24.1185, 0.3052, 0.2605**, and if you desaturate by 10%, it is **34.5893, 0.3111, 0.3115**.

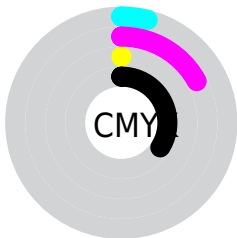
Distribution



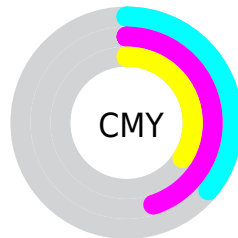
- Red (64%)
- Green (55%)
- Blue (66%)



- Red (64%)
- Yellow (55%)
- Blue (66%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9738, 0.3084, 0.2864 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 28.9738, 0.3084, 0.2864 by changing the saturation by 10% instead.

 28.9738, 0.3084,
0.2864


 28.9738, 0.3084,
0.2864


297.0913, 0.3110,
0.3087

 19.0610, 0.3076,
0.2805


 58.0355, 0.3095,
0.2948

 11.7144, 0.3064,
0.2727


 77.9531, 0.3098,
0.2978

 6.5495, 0.3047,
0.2619


 101.9745, 0.3101,
0.3004

 3.1820, 0.3018,
0.2461

130.4840, 0.3103,
0.3026

 1.2275, 0.2963,
0.2208

163.8661, 0.3105,
0.3044

 0.0840, 0.2932,
0.0582

202.5050, 0.3107,

 0.0000, 0.0000,

0.3060

0.0000

246.7853, 0.3109,
0.3075

■ 28.9738, 0.3084,
0.2864

■ 28.9738, 0.3084,
0.2864

■ 24.1185, 0.3052,
0.2605

■ 34.5893, 0.3111,
0.3115

■ 19.9855, 0.3014,
0.2345

■ 40.9932, 0.3133,
0.3354

■ 16.5394, 0.2971,
0.2093

■ 48.2168, 0.3150,
0.3577

■ 13.7401, 0.2923,
0.1859

■ 56.2885, 0.3164,
0.3783

■ 11.5435, 0.2871,
0.1654

■ 65.2356, 0.3174,
0.3971

■ 9.8998, 0.2817,
0.1486

■ 75.0839, 0.3182,
0.4143

■ 8.7512, 0.2762,
0.1361

■ 84.8297, 0.3189,
0.4283

■ 8.0087, 0.2708,
0.1278

■ 85.2719, 0.3210,
0.4276

■ 7.8305, 0.2693,
0.1257

■ 85.7247, 0.3232,
0.4269

Harmonies

Analogous

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



28.9738, 0.2802, 0.2790



28.9738, 0.3084, 0.2864



28.9738, 0.3391, 0.3038

Triad

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



28.9738, 0.3084, 0.2864



28.9738, 0.3660, 0.3733



28.9738, 0.2644, 0.3273

Complementary

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



28.9738, 0.3084, 0.2864



35.8893, 0.3161, 0.3739

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.



28.9738, 0.2856, 0.3561



28.9738, 0.3084, 0.2864



28.9738, 0.3442, 0.3831

Square

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



28.9738, 0.3084, 0.2864



28.9738, 0.3732, 0.3526



28.9738, 0.3147, 0.3771



28.9738, 0.2558, 0.3008

Rectangle

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



28.9738, 0.3084, 0.2864



28.9738, 0.3565, 0.3192



28.9738, 0.3147, 0.3771



28.9738, 0.2702, 0.3371

Sweetspot

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



28.9750, 0.3084, 0.2864



65.1618, 0.3116, 0.3168



28.6556, 0.2856, 0.2935



14.0390, 0.3114, 0.3152



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



28.9750, 0.3084, 0.2864



48.7791, 0.3071, 0.2758



29.3223, 0.3230, 0.2987



7.5870, 0.3106, 0.3065



5.9357, 0.2699, 0.1260



0.1637, 0.2878, 0.1359

Inverse Universe

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



28.8365, 0.3385, 0.3201



48.4985, 0.3462, 0.3179



35.6074, 0.3038, 0.3614



7.5668, 0.3254, 0.3243



6.3836, 0.6018, 0.3089



0.1622, 0.5177, 0.2626

Previews

White Background



This preview shows how the Yxy color 28.9738, 0.3084, 0.2864 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 28.9738, 0.3084, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

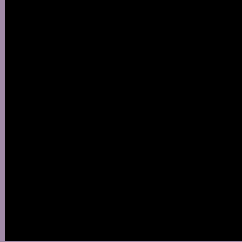
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9738, 0.3084, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 28.9738, 0.3084, 0.2864.



This preview shows how white text looks on a background with the Yxy color 28.9738, 0.3084, 0.2864.

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

28.9738, 0.3084, 0.2864

Protanopia

28.8921, 0.2840, 0.2873

Deuteranopia

29.0143, 0.2981, 0.2926



Tritanopia

29.1195, 0.3210, 0.3124

Trichromacy



Original Color

28.9738, 0.3084, 0.2864

Protanomaly

28.9748, 0.2924, 0.2866

Deuteranomaly

29.1046, 0.3021, 0.2915

Tritanomaly

29.0954, 0.3171, 0.3035

Monochromacy



Original Color

28.9738, 0.3084, 0.2864

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5211, 0.3114, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9738, 0.3084, 0.2864 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(162, 139, 168)` looks like.

```
.text, #text, p{  
    color:rgb(162, 139, 168)  
}
```

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(162, 139, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 139, 168) }
```

Border

The CSS property to change the border of an element to Yxy 28.9738, 0.3084, 0.2864 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(162, 139, 168) }
```

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

```
.border{ border-color:rgb(162, 139, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 139, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 139, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 139, 168);  
box-shadow:4px 4px 4px 4px rgb(162, 139,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9738, 0.3084, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 139, 168) }
```

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

```
.background{ background-color: rgb(162,  
139, 168) }
```

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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