

Converting Colors

Yxy(28.9049, 0.3350, 0.3191)

Have a look what the booklet for
Yxy(28.9049, 0.3350, 0.3191)
contains.

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Color

Yxy(28.9385, 0.3350, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	A68C92
RGB	166, 140, 146
RGB Percent	65%, 55%, 57%
CMY	0.3492, 0.4509, 0.4275
CMYK	0.00, 0.16, 0.12, 0.35
HSL	346°, 13%, 60%
HSV	346°, 16%, 65%
XYZ	30.2855, 28.9385, 31.1805
YIQ	148.4580, 13.5700, 7.3780

Conversions

Conversions Part 2

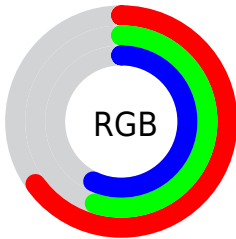
Format	Color
R _Y B	166, 140, 146
Decimal	10914962
CIE Lab	60.73, 10.79, 0.46
CIE LCh	61, 10.798, 2.449
Yxy	28.9385, 0.3350, 0.3201
Android (android.graphics.Color)	4289105042 (0xFFA68C92)
YUV	148.4580, -1.2118, 15.3843
Hunter-Lab	53.7945, 6.3525, 3.2903

Details

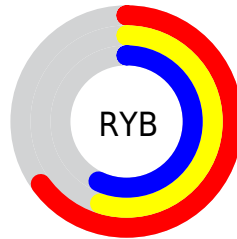
The Yxy color **28.9385, 0.3350, 0.3201** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3728, 0.2943, 0.3381**, and the grayscale version is **29.8156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1259, 0.3300, 0.3222**, and **11.7343, 0.3425, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **24.0735, 0.3535, 0.3140**, and if you desaturate by 10%, it is **34.5820, 0.3199, 0.3259**.

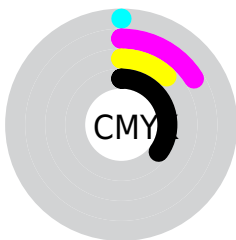
Distribution



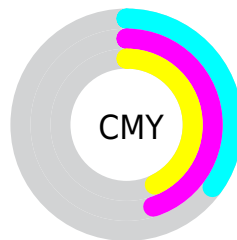
- Red (65%)
- Green (55%)
- Blue (57%)



- Red (65%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (35%)





- Cyan (35%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9385, 0.3350, 0.3201 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 28.9385, 0.3350, 0.3201 by changing the saturation by 10% instead.


 28.9385, 0.3350,
0.3201


 28.9385, 0.3350,
0.3201


296.9247, 0.3230,
0.3249


 19.0343, 0.3383,
0.3187


 57.9794, 0.3304,
0.3220

 11.6951, 0.3429,
0.3169


 77.8848, 0.3287,
0.3226

 6.5364, 0.3493,
0.3143


 101.8928, 0.3274,
0.3232

 3.1739, 0.3593,
0.3102

130.3877, 0.3262,
0.3236

 1.2232, 0.3768,
0.3031

163.7540, 0.3252,
0.3240

 0.0805, 0.7143,
0.1692

202.3760, 0.3244,

 0.0000, 0.0000,

0.3244

0.0000

246.6381, 0.3236,
0.3247

■ 28.9385, 0.3350,
0.3201

■ 28.9385, 0.3350,
0.3201

■ 24.0735, 0.3535,
0.3140

■ 34.5820, 0.3199,
0.3259

■ 19.9491, 0.3761,
0.3079

■ 41.0322, 0.3077,
0.3313

■ 16.5299, 0.4034,
0.3020

■ 48.3204, 0.2977,
0.3363

■ 13.7761, 0.4356,
0.2971

■ 56.4754, 0.2895,
0.3408

■ 11.6439, 0.4722,
0.2939

■ 65.5245, 0.2828,
0.3450

■ 10.0844, 0.5114,
0.2934

■ 75.4935, 0.2773,
0.3487

■ 9.0409, 0.5500,
0.2966

■ 85.6448, 0.2725,
0.3508

■ 8.4405, 0.5839,
0.3034

■ 86.4117, 0.2665,
0.3364

■ 8.2440, 0.5972,
0.3063

■ 86.8427, 0.2633,
0.3289

Harmonies

Analogous

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



28.9385, 0.3184, 0.3075



28.9385, 0.3350, 0.3201



28.9385, 0.3457, 0.3352

Triad

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



28.9385, 0.3350, 0.3201



28.9385, 0.3242, 0.3597



28.9385, 0.2793, 0.3076

Complementary

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



28.9385, 0.3350, 0.3201



35.3728, 0.2943, 0.3381

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.



28.9385, 0.2808, 0.3213



28.9385, 0.3350, 0.3201



28.9385, 0.3064, 0.3521

Square

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



28.9385, 0.3350, 0.3201



28.9385, 0.3392, 0.3584



28.9385, 0.2906, 0.3378



28.9385, 0.2865, 0.3001

Rectangle

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



28.9385, 0.3350, 0.3201



28.9385, 0.3478, 0.3449



28.9385, 0.2906, 0.3378



28.9385, 0.2789, 0.3116

Sweetspot

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



28.9398, 0.3350, 0.3201



63.3881, 0.3192, 0.3262



28.9777, 0.3082, 0.2905



14.0186, 0.3201, 0.3258



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.



28.9398, 0.3350, 0.3201



49.0997, 0.3415, 0.3179



30.8447, 0.3398, 0.3395



7.5696, 0.3251, 0.3238



6.4024, 0.5950, 0.3051



0.1632, 0.5077, 0.2570

Inverse Universe

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



28.9398, 0.3350, 0.3201



49.0997, 0.3415, 0.3179



33.1399, 0.2891, 0.3183



7.5696, 0.3251, 0.3238



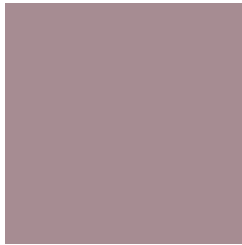
6.4024, 0.5950, 0.3051



0.1632, 0.5077, 0.2570

Previews

White Background



This preview shows how the Yxy color 28.9385, 0.3350, 0.3201 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 28.9385, 0.3350, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

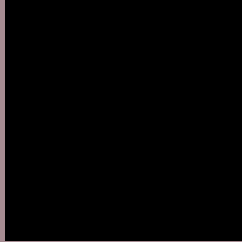
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9385, 0.3350, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 28.9385, 0.3350, 0.3201.



This preview shows how white text looks on a background with the Yxy color 28.9385, 0.3350, 0.3201.

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

28.9385, 0.3350, 0.3201

Protanopia

29.0236, 0.3119, 0.3243

Deuteranopia

28.9984, 0.3292, 0.3230



Tritanopia

28.8827, 0.3321, 0.3127

Trichromacy



Original Color

28.9385, 0.3350, 0.3201

Protanomaly

29.0532, 0.3204, 0.3228

Deuteranomaly

28.9116, 0.3316, 0.3215

Tritanomaly

28.8507, 0.3331, 0.3142

Monochromacy



Original Color

28.9385, 0.3350, 0.3201

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.3259, 0.3213, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9385, 0.3350, 0.3201 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(166, 140, 146)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 146)  
}
```

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(166, 140, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 146) }
```

Border

The CSS property to change the border of an element to Yxy 28.9385, 0.3350, 0.3201 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(166, 140, 146) }
```

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

```
.border{ border-color:rgb(166, 140, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 146);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9385, 0.3350, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 146) }
```

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

```
.background{ background-color: rgb(166,  
140, 146) }
```

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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