

Converting Colors

$Y_{xy}(29.0034, 0.3116, 0.2853)$

Have a look what the booklet for
Yxy(29.0034, 0.3116, 0.2853)
contains.

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Color

Yxy(29.0034, 0.3116, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	A58AA8
RGB	165, 138, 168
RGB Percent	65%, 54%, 66%
CMY	0.3529, 0.4588, 0.3411
CMYK	0.02, 0.18, 0.00, 0.34
HSL	294°, 15%, 60%
HSV	294°, 18%, 66%
XYZ	31.6770, 29.0034, 40.9789
YIQ	149.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

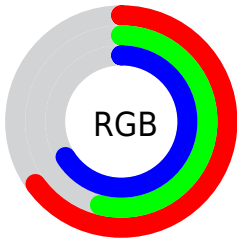
Format	Color
R _Y B	165, 138, 168
Decimal	10848936
CIE Lab	60.78, 15.69, -12.01
CIE LCh	61, 19.762, 322.570
Yxy	29.0034, 0.3116, 0.2853
Android (android.graphics.Color)	4289039016 (0xFFA58AA8)
YUV	149.4930, 9.1240, 13.5996
Hunter-Lab	53.8548, 10.7466, -7.4162

Details

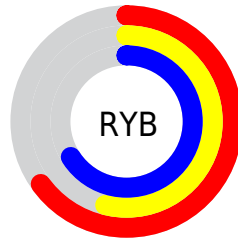
The Yxy color $29.0034, 0.3116, 0.2853$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $35.5052, 0.3132, 0.3760$, and the grayscale version is $30.2336, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2426, 0.3120, 0.2946$, and $11.7511, 0.3108, 0.2715$ is the 20% darker color. If you saturate the color by 10%, you get $24.3728, 0.3106, 0.2601$, and if you desaturate by 10%, it is $34.3846, 0.3123, 0.3101$.

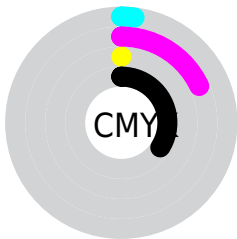
Distribution



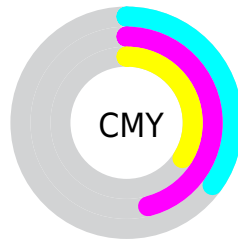
- Red (65%)
- Green (54%)
- Blue (66%)



- Red (65%)
- Yellow (54%)
- Blue (66%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)





- Cyan (35%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0034, 0.3116, 0.2853 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 29.0034, 0.3116, 0.2853 by changing the saturation by 10% instead.


 29.0034, 0.3116,
0.2853


 29.0034, 0.3116,
0.2853


297.2310, 0.3125,
0.3082

 19.0834, 0.3112,
0.2793


 58.0825, 0.3120,
0.2938

 11.7306, 0.3107,
0.2713


 78.0104, 0.3121,
0.2970

 6.5605, 0.3098,
0.2603


 102.0430, 0.3122,
0.2996

 3.1888, 0.3082,
0.2443

130.5647, 0.3123,
0.3018

 1.2311, 0.3047,
0.2187

163.9600, 0.3124,
0.3037

 0.0869, 0.3132,
0.0584

202.6132, 0.3124,

 0.0000, 0.0000,

0.3054

0.0000

246.9088, 0.3125,
0.3069

■ 29.0034, 0.3116,
0.2853

■ 29.0034, 0.3116,
0.2853

■ 24.3728, 0.3106,
0.2601

■ 34.3846, 0.3123,
0.3101

■ 20.4548, 0.3094,
0.2353

■ 40.5447, 0.3128,
0.3340

■ 17.2138, 0.3078,
0.2118

■ 47.5149, 0.3131,
0.3566

■ 14.6098, 0.3060,
0.1904

■ 55.3239, 0.3132,
0.3776

■ 12.5982, 0.3039,
0.1723

■ 63.9987, 0.3132,
0.3969

■ 11.1291, 0.3016,
0.1580

■ 73.5652, 0.3131,
0.4146

■ 10.1438, 0.2992,
0.1479

■ 83.6635, 0.3130,
0.4300

■ 9.5455, 0.2967,
0.1417

■ 83.8608, 0.3140,
0.4297

■ 9.4333, 0.2961,
0.1405

■ 84.0606, 0.3150,
0.4294

Harmonies

Analogous

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



29.0034, 0.2809, 0.2761



29.0034, 0.3116, 0.2853



29.0034, 0.3441, 0.3046

Triad

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



29.0034, 0.3116, 0.2853



29.0034, 0.3676, 0.3779



29.0034, 0.2596, 0.3238

Complementary

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



29.0034, 0.3116, 0.2853



35.5052, 0.3132, 0.3760

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.



29.0034, 0.2808, 0.3548



29.0034, 0.3116, 0.2853



29.0034, 0.3431, 0.3869

Square

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



29.0034, 0.3116, 0.2853



29.0034, 0.3773, 0.3567



29.0034, 0.3112, 0.3788



29.0034, 0.2521, 0.2963

Rectangle

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



29.0034, 0.3116, 0.2853



29.0034, 0.3619, 0.3213



29.0034, 0.3112, 0.3788



29.0034, 0.2653, 0.3342

Sweetspot

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



29.0047, 0.3116, 0.2853



65.3431, 0.3125, 0.3169



27.2792, 0.2843, 0.2864



14.0837, 0.3124, 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.



29.0047, 0.3116, 0.2853



49.5159, 0.3113, 0.2764



28.9020, 0.3270, 0.3026



7.6281, 0.3122, 0.3066



7.1353, 0.2964, 0.1406



0.1841, 0.3050, 0.1454

Inverse Universe

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



28.4242, 0.3431, 0.3246



48.2963, 0.3506, 0.3237



35.6139, 0.3006, 0.3570



7.5540, 0.3271, 0.3268



6.3203, 0.6260, 0.3222



0.1574, 0.5724, 0.2927

Previews

White Background



This preview shows how the Yxy color 29.0034, 0.3116, 0.2853 looks on a white background.

Color Contrast Check

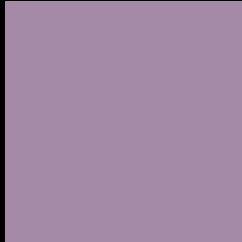
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0034, 0.3116, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

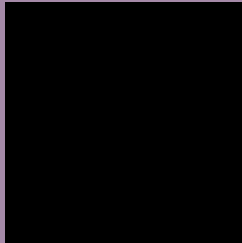
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0034, 0.3116, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 29.0034, 0.3116, 0.2853.



This preview shows how white text looks on a background with the Yxy color 29.0034, 0.3116, 0.2853.

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

29.0034, 0.3116, 0.2853

Protanopia

29.2376, 0.2832, 0.2875

Deuteranopia

29.0143, 0.2981, 0.2926



Tritanopia

29.1033, 0.3253, 0.3125

Trichromacy



Original Color

29.0034, 0.3116, 0.2853

Protanomaly

29.0692, 0.2934, 0.2867

Deuteranomaly

28.9077, 0.3031, 0.2900

Tritanomaly

29.1173, 0.3204, 0.3023

Monochromacy



Original Color

29.0034, 0.3116, 0.2853

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6197, 0.3125, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0034, 0.3116, 0.2853 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(165, 138, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 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(165, 138, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 168) }
```

Border

The CSS property to change the border of an element to Yxy 29.0034, 0.3116, 0.2853 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(165, 138, 168) }
```

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

```
.border{ border-color:rgb(165, 138, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 168);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0034, 0.3116, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 168) }
```

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

```
.background{ background-color: rgb(165,  
138, 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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