

Converting Colors

$Y_{xy}(29.0013, 0.3177, 0.3028)$

Have a look what the booklet for
Yxy(29.0013, 0.3177, 0.3028)
contains.

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Color

Yxy(28.9062, 0.3183, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	A28C9E
RGB	162, 140, 158
RGB Percent	64%, 55%, 62%
CMY	0.3645, 0.4510, 0.3804
CMYK	0.00, 0.14, 0.02, 0.36
HSL	311°, 11%, 59%
HSV	311°, 14%, 64%
XYZ	30.4563, 28.9062, 36.3217
YIQ	148.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

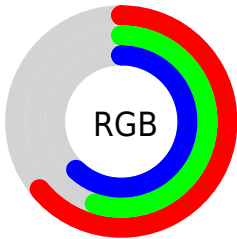
Format	Color
R_{YB}	162, 140, 158
Decimal	10652830
CIE _{Lab}	60.70, 11.55, -6.47
CIE _{LCh}	61, 13.239, 330.755
Yxy	28.9062, 0.3183, 0.3021
Android (android.graphics.Color)	4288842910 (0xFFA28C9E)
YUV	148.6300, 4.6194, 11.7255
Hunter-Lab	53.7645, 7.0281, -2.4195

Details

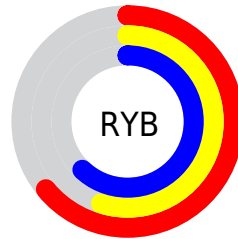
The Yxy color **28.9062, 0.3183, 0.3021** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4450, 0.3076, 0.3575**, and the grayscale version is **29.8717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1394, 0.3169, 0.3075**, and **11.6889, 0.3191, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **24.4148, 0.3231, 0.2817**, and if you desaturate by 10%, it is **34.0999, 0.3141, 0.3220**.

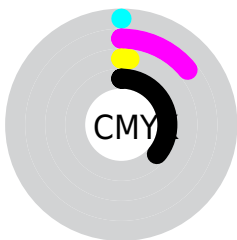
Distribution



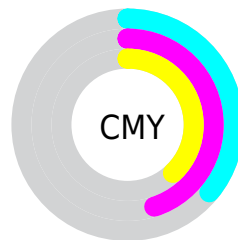
- Red (64%)
- Green (55%)
- Blue (62%)



- Red (64%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9062, 0.3183, 0.3021 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 28.9062, 0.3183, 0.3021 by changing the saturation by 10% instead.


 28.9062, 0.3183,
0.3021

 28.9062, 0.3183,
0.3021


296.7721, 0.3154,
0.3163


 19.0099, 0.3191,
0.2983


 57.9280, 0.3172,
0.3075

 11.6774, 0.3200,
0.2931


 77.8223, 0.3168,
0.3094

 6.5244, 0.3214,
0.2860

 101.8180, 0.3165,
0.3111

 3.1665, 0.3233,
0.2753

130.2996, 0.3162,
0.3125

 1.2193, 0.3262,
0.2576

163.6514, 0.3160,
0.3136

 0.0774, 0.3668,
0.0798

202.2578, 0.3158,

 0.0000, 0.0000,

0.3147

0.0000

246.5033, 0.3156,
0.3156

■ 28.9062, 0.3183,
0.3021

■ 28.9062, 0.3183,
0.3021

■ 24.4148, 0.3231,
0.2817

■ 34.0999, 0.3141,
0.3220

■ 20.5916, 0.3285,
0.2612

■ 40.0207, 0.3105,
0.3410

■ 17.4053, 0.3346,
0.2415

■ 46.6968, 0.3073,
0.3589

■ 14.8204, 0.3411,
0.2233

■ 54.1537, 0.3047,
0.3755

■ 12.7981, 0.3479,
0.2077

■ 62.4158, 0.3025,
0.3909

■ 11.2952, 0.3550,
0.1955

■ 71.5064, 0.3006,
0.4050

■ 10.2618, 0.3619,
0.1874

■ 81.4478, 0.2990,
0.4179

■ 9.6385, 0.3687,
0.1837

■ 82.5736, 0.2975,
0.4157

■ 9.3611, 0.3729,
0.1828

■ 82.6975, 0.2960,
0.4121

Harmonies

Analogous

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



28.9062, 0.2967, 0.2937



28.9062, 0.3183, 0.3021



28.9062, 0.3390, 0.3171

Triad

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



28.9062, 0.3183, 0.3021



28.9062, 0.3460, 0.3646



28.9062, 0.2742, 0.3205

Complementary

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



28.9062, 0.3183, 0.3021



33.4450, 0.3076, 0.3575

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.



28.9062, 0.2866, 0.3408



28.9062, 0.3183, 0.3021



28.9062, 0.3279, 0.3670

Square

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



28.9062, 0.3183, 0.3021



28.9062, 0.3553, 0.3527



28.9062, 0.3061, 0.3583



28.9062, 0.2718, 0.3034

Rectangle

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



28.9062, 0.3183, 0.3021



28.9062, 0.3493, 0.3291



28.9062, 0.3061, 0.3583



28.9062, 0.2773, 0.3272

Sweetspot

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



28.9075, 0.3183, 0.3021



61.4020, 0.3143, 0.3211



27.2622, 0.2952, 0.2943



13.6278, 0.3146, 0.3197



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



28.9075, 0.3183, 0.3021



50.1299, 0.3195, 0.2966



28.5561, 0.3293, 0.3179



7.1798, 0.3164, 0.3108



7.3764, 0.3724, 0.1825



0.1605, 0.3509, 0.1706

Inverse Universe

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



28.9075, 0.3183, 0.3021



50.1299, 0.3195, 0.2966



33.7866, 0.2985, 0.3404



7.1798, 0.3164, 0.3108



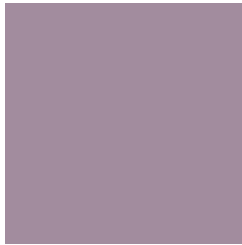
7.3764, 0.3724, 0.1825



0.1605, 0.3509, 0.1706

Previews

White Background



This preview shows how the Yxy color 28.9062, 0.3183, 0.3021 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 28.9062, 0.3183, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

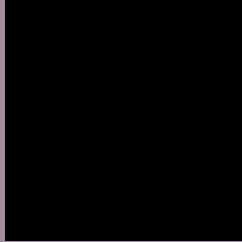
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9062, 0.3183, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 28.9062, 0.3183, 0.3021.



This preview shows how white text looks on a background with the Yxy color 28.9062, 0.3183, 0.3021.

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

28.9062, 0.3183, 0.3021

Protanopia

29.1507, 0.2976, 0.3056

Deuteranopia

28.8825, 0.3118, 0.3047



Tritanopia

28.8938, 0.3232, 0.3124

Trichromacy



Original Color

28.9062, 0.3183, 0.3021

Protanomaly

29.0639, 0.3046, 0.3044

Deuteranomaly

28.7875, 0.3139, 0.3033

Tritanomaly

28.9599, 0.3211, 0.3094

Monochromacy



Original Color

28.9062, 0.3183, 0.3021

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6948, 0.3152, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9062, 0.3183, 0.3021 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, 140, 158)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 158)  
}
```

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, 140, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 158) }
```

Border

The CSS property to change the border of an element to Yxy 28.9062, 0.3183, 0.3021 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, 140, 158) }
```

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

```
.border{ border-color:rgb(162, 140, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 158);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9062, 0.3183, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 158) }
```

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

```
.background{ background-color: rgb(162,  
140, 158) }
```

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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