

Converting Colors

$Y_{xy}(28.9764, 0.3223, 0.2942)$

Have a look what the booklet for
Yxy(28.9764, 0.3223, 0.2942)
contains.

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Color

Yxy(28.8995, 0.3230, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	A989A1
RGB	169, 137, 161
RGB Percent	66%, 54%, 63%
CMY	0.3373, 0.4627, 0.3686
CMYK	0.00, 0.19, 0.05, 0.34
HSL	315°, 16%, 60%
HSV	315°, 19%, 66%
XYZ	31.7393, 28.8995, 37.6254
YIQ	149.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

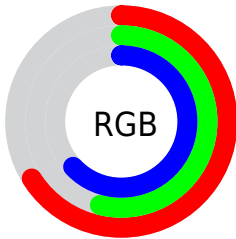
Format	Color
RYB	169, 137, 161
Decimal	11110817
CIELab	60.69, 16.32, -8.12
CIElCh	61, 18.224, 333.547
Yxy	28.8995, 0.3230, 0.2941
Android (android.graphics.Color)	4289300897 (0xFFA989A1)
YUV	149.3040, 5.7661, 17.2734
Hunter-Lab	53.7583, 11.3110, -3.8662

Details

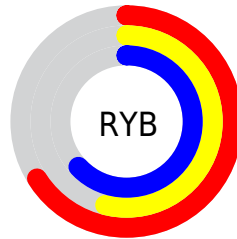
The Yxy color **28.8995, 0.3230, 0.2941** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7352, 0.3038, 0.3666**, and the grayscale version is **30.1616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0668, 0.3204, 0.3013**, and **11.7024, 0.3276, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **24.3200, 0.3297, 0.2750**, and if you desaturate by 10%, it is **34.2391, 0.3172, 0.3129**.

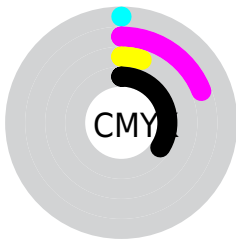
Distribution



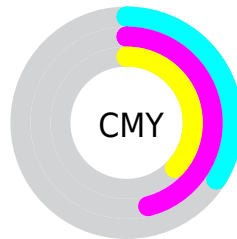
- Red (66%)
- Green (54%)
- Blue (63%)



- Red (66%)
- Yellow (54%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (34%)





- Cyan (34%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8995, 0.3230, 0.2941 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 28.8995, 0.3230, 0.2941 by changing the saturation by 10% instead.


 28.8995, 0.3230,
0.2941


 28.8995, 0.3230,
0.2941


296.7405, 0.3177,
0.3125

 19.0048, 0.3244,
0.2892


 57.9174, 0.3210,
0.3010

 11.6738, 0.3262,
0.2827


 77.8093, 0.3203,
0.3035

 6.5219, 0.3287,
0.2737


 101.8025, 0.3197,
0.3056

 3.1650, 0.3323,
0.2604

130.2813, 0.3192,
0.3074

 1.2185, 0.3379,
0.2388

163.6301, 0.3187,
0.3089

 0.0767, 0.3930,
0.0640

202.2333, 0.3183,

 0.0000, 0.0000,

0.3103

0.0000

246.4753, 0.3180,
0.3114

■ 28.8995, 0.3230,
0.2941

■ 28.8995, 0.3230,
0.2941

■ 24.3200, 0.3297,
0.2750

■ 34.2391, 0.3172,
0.3129

■ 20.4618, 0.3373,
0.2561

■ 40.3676, 0.3122,
0.3309

■ 17.2883, 0.3458,
0.2383

■ 47.3171, 0.3080,
0.3479

■ 14.7585, 0.3550,
0.2224

■ 55.1167, 0.3044,
0.3638

■ 12.8267, 0.3648,
0.2095

■ 63.7941, 0.3014,
0.3785

■ 11.4412, 0.3748,
0.2004

■ 73.3758, 0.2989,
0.3920

■ 10.5415, 0.3848,
0.1958

■ 83.6952, 0.2968,
0.4041

■ 10.0122, 0.3945,
0.1953

■ 83.8831, 0.2946,
0.3990

■ 9.9609, 0.3956,
0.1953

■ 84.0763, 0.2924,
0.3939

Harmonies

Analogous

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



28.8995, 0.2931, 0.2818



28.8995, 0.3230, 0.2941



28.8995, 0.3513, 0.3147

Triad

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



28.8995, 0.3230, 0.2941



28.8995, 0.3565, 0.3789



28.8995, 0.2594, 0.3142

Complementary

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



28.8995, 0.3230, 0.2941



35.7352, 0.3038, 0.3666

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.



28.8995, 0.2748, 0.3426



28.8995, 0.3230, 0.2941



28.8995, 0.3305, 0.3815

Square

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



28.8995, 0.3230, 0.2941



28.8995, 0.3710, 0.3629



28.8995, 0.3005, 0.3681



28.8995, 0.2575, 0.2919

Rectangle

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



28.8995, 0.3230, 0.2941



28.8995, 0.3648, 0.3311



28.8995, 0.3005, 0.3681



28.8995, 0.2631, 0.3234

Sweetspot

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



28.9008, 0.3230, 0.2941



64.2763, 0.3157, 0.3180



26.7294, 0.2895, 0.2794



13.8674, 0.3160, 0.3169



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.



28.9008, 0.3230, 0.2941



47.9216, 0.3259, 0.2855



28.3883, 0.3395, 0.3164



7.6341, 0.3174, 0.3122



7.4337, 0.3946, 0.1948



0.1883, 0.3657, 0.1788

Inverse Universe

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



28.9008, 0.3230, 0.2941



47.9216, 0.3259, 0.2855



36.2454, 0.2915, 0.3420



7.6341, 0.3174, 0.3122



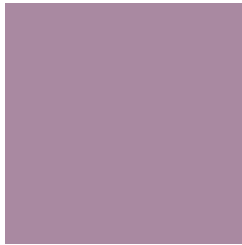
7.4337, 0.3946, 0.1948



0.1883, 0.3657, 0.1788

Previews

White Background



This preview shows how the Yxy color 28.8995, 0.3230, 0.2941 looks on a white background.

Color Contrast Check

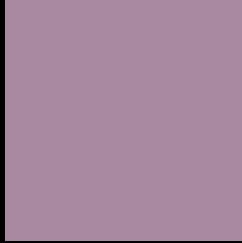
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8995, 0.3230, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

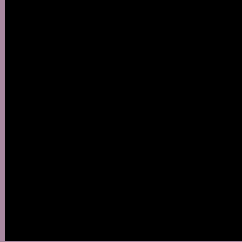
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8995, 0.3230, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 28.8995, 0.3230, 0.2941.



This preview shows how white text looks on a background with the Yxy color 28.8995, 0.3230, 0.2941.

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

28.8995, 0.3230, 0.2941

Protanopia

28.8436, 0.2911, 0.2963

Deuteranopia

29.1515, 0.3087, 0.3032



Tritanopia

28.8827, 0.3321, 0.3127

Trichromacy



Original Color

28.8995, 0.3230, 0.2941

Protanomaly

28.7017, 0.3019, 0.2955

Deuteranomaly

29.0614, 0.3141, 0.3005

Tritanomaly

28.8349, 0.3291, 0.3054

Monochromacy



Original Color

28.8995, 0.3230, 0.2941

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6186, 0.3164, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8995, 0.3230, 0.2941 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(169, 137, 161)` looks like.

```
.text, #text, p{  
    color:rgb(169, 137, 161)  
}
```

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(169, 137, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 137, 161) }
```

Border

The CSS property to change the border of an element to Yxy 28.8995, 0.3230, 0.2941 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(169, 137, 161) }
```

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

```
.border{ border-color:rgb(169, 137, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 137, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 137, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 137, 161);  
box-shadow:4px 4px 4px 4px rgb(169, 137,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8995, 0.3230, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 137, 161) }
```

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

```
.background{ background-color: rgb(169,  
137, 161) }
```

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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