

Converting Colors

$Yxy(28.6158, 0.3141, 0.2853)$

Have a look what the booklet for
Yxy(28.6158, 0.3141, 0.2853)
contains.

Yxy(28.7883, 0.3137, 0.2854)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.7883, 0.3137, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	A689A7
RGB	166, 137, 167
RGB Percent	65%, 54%, 65%
CMY	0.3491, 0.4627, 0.3452
CMYK	0.01, 0.18, 0.00, 0.35
HSL	298°, 15%, 60%
HSV	298°, 18%, 65%
XYZ	31.6429, 28.7883, 40.4388
YIQ	149.0910, 7.6540, 15.4780

Conversions

Conversions Part 2

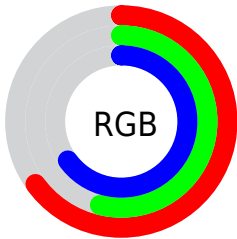
Format	Color
R_{YB}	166, 137, 167
Decimal	10914215
CIE _{Lab}	60.59, 16.39, -11.70
CIE _{LCh}	61, 20.138, 324.472
Yxy	28.7883, 0.3137, 0.2854
Android (android.graphics.Color)	4289104295 (0xFFA689A7)
YUV	149.0910, 8.8291, 14.8292
Hunter-Lab	53.6547, 11.3747, -7.1277

Details

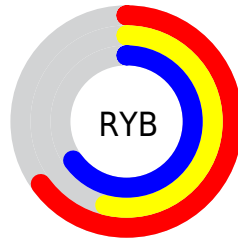
The Yxy color **28.7883, 0.3137, 0.2854** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.8410, 0.3114, 0.3765**, and the grayscale version is **30.0548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9077, 0.3135, 0.2946**, and **11.6316, 0.3138, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **24.3436, 0.3141, 0.2607**, and if you desaturate by 10%, it is **33.9705, 0.3132, 0.3100**.

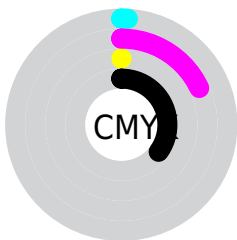
Distribution



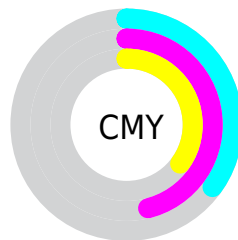
- Red (65%)
- Green (54%)
- Blue (65%)



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



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7883, 0.3137, 0.2854 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 28.7883, 0.3137, 0.2854 by changing the saturation by 10% instead.


 28.7883, 0.3137,
0.2854


 28.7883, 0.3137,
0.2854


296.2148, 0.3135,
0.3082

 18.9207, 0.3137,
0.2794


 57.7406, 0.3137,
0.2939

 11.6130, 0.3135,
0.2714


 77.5941, 0.3137,
0.2971

 6.4808, 0.3132,
0.2604


 101.5450, 0.3136,
0.2997

 3.1396, 0.3124,
0.2443

129.9777, 0.3136,
0.3019

 1.2050, 0.3104,
0.2187

163.2767, 0.3136,
0.3038

 0.0658, 0.3262,
0.0464

201.8262, 0.3135,

 0.0000, 0.0000,

0.3055

0.0000

246.0108, 0.3135,
0.3069

■ 28.7883, 0.3137,
0.2854

■ 28.7883, 0.3137,
0.2854

■ 24.3436, 0.3141,
0.2607

■ 33.9705, 0.3132,
0.3100

■ 20.5990, 0.3145,
0.2366

■ 39.9179, 0.3126,
0.3338

■ 17.5194, 0.3146,
0.2141

■ 46.6615, 0.3120,
0.3565

■ 15.0652, 0.3146,
0.1940

■ 54.2293, 0.3114,
0.3776

■ 13.1926, 0.3145,
0.1771

■ 62.6482, 0.3107,
0.3972

■ 11.8523, 0.3141,
0.1642

■ 71.9435, 0.3101,
0.4152

■ 10.9867, 0.3135,
0.1555

■ 82.1399, 0.3096,
0.4315

■ 10.4984, 0.3129,
0.1505

■ 82.9023, 0.3098,
0.4324

■ 10.4121, 0.3127,
0.1496

■ 82.9645, 0.3102,
0.4323

Harmonies

Analogous

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



28.7883, 0.2820, 0.2753



28.7883, 0.3137, 0.2854



28.7883, 0.3467, 0.3056

Triad

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



28.7883, 0.3137, 0.2854



28.7883, 0.3676, 0.3800



28.7883, 0.2576, 0.3216

Complementary

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



28.7883, 0.3137, 0.2854



34.8410, 0.3114, 0.3765

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.



28.7883, 0.2784, 0.3535



28.7883, 0.3137, 0.2854



28.7883, 0.3417, 0.3882

Square

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



28.7883, 0.3137, 0.2854



28.7883, 0.3786, 0.3588



28.7883, 0.3090, 0.3788



28.7883, 0.2509, 0.2942

Rectangle

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



28.7883, 0.3137, 0.2854



28.7883, 0.3644, 0.3228



28.7883, 0.3090, 0.3788



28.7883, 0.2631, 0.3322

Sweetspot

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



28.7895, 0.3137, 0.2854



63.7557, 0.3130, 0.3169



26.2887, 0.2840, 0.2830



14.1115, 0.3131, 0.3153



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.



28.7895, 0.3137, 0.2854



47.8693, 0.3139, 0.2744



28.4079, 0.3292, 0.3053



7.6537, 0.3132, 0.3067



7.9738, 0.3128, 0.1497



0.1978, 0.3157, 0.1513

Inverse Universe

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



27.9433, 0.3455, 0.3276



46.0404, 0.3558, 0.3272



35.1843, 0.2990, 0.3539



7.5462, 0.3281, 0.3283



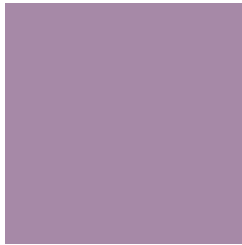
6.2973, 0.6355, 0.3275



0.1544, 0.6153, 0.3163

Previews

White Background



This preview shows how the Yxy color 28.7883, 0.3137, 0.2854 looks on a white background.

Color Contrast Check

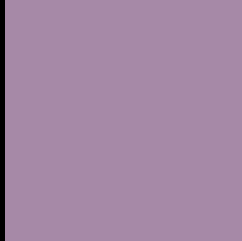
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7883, 0.3137, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

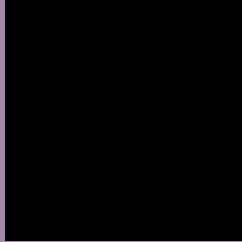
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7883, 0.3137, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 28.7883, 0.3137, 0.2854.



This preview shows how white text looks on a background with the Yxy color 28.7883, 0.3137, 0.2854.

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

28.7883, 0.3137, 0.2854

Protanopia

28.8921, 0.2840, 0.2873

Deuteranopia

28.9774, 0.2990, 0.2940



Tritanopia

28.8830, 0.3276, 0.3125

Trichromacy



Original Color

28.7883, 0.3137, 0.2854

Protanomaly

28.7323, 0.2943, 0.2866

Deuteranomaly

28.8708, 0.3041, 0.2915

Tritanomaly

28.8989, 0.3226, 0.3023

Monochromacy



Original Color

28.7883, 0.3137, 0.2854

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 28.7883, 0.3137, 0.2854 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, 137, 167)` looks like.

```
.text, #text, p{  
    color:rgb(166, 137, 167)  
}
```

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, 137, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 137, 167) }
```

Border

The CSS property to change the border of an element to Yxy 28.7883, 0.3137, 0.2854 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, 137, 167) }
```

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

```
.border{ border-color:rgb(166, 137, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 137, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 137, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 137, 167);  
box-shadow:4px 4px 4px 4px rgb(166, 137,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7883, 0.3137, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 137, 167) }
```

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

```
.background{ background-color: rgb(166,  
137, 167) }
```

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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