

Converting Colors

$Y_{xy}(27.8569, 0.3454, 0.3152)$

Have a look what the booklet for
Yxy(27.8569, 0.3454, 0.3152)
contains.

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Color

Yxy(27.8345, 0.3452, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	AC8690
RGB	172, 134, 144
RGB Percent	67%, 53%, 56%
CMY	0.3256, 0.4745, 0.4352
CMYK	0.00, 0.22, 0.16, 0.33
HSL	344°, 19%, 60%
HSV	344°, 22%, 67%
XYZ	30.5710, 27.8345, 30.1548
YIQ	146.5020, 19.4380, 11.1660

Conversions

Conversions Part 2

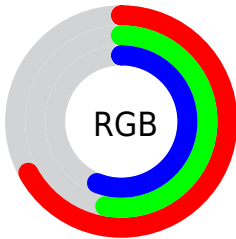
Format	Color
RYB	172, 134, 144
Decimal	11306640
CIELab	59.74, 16.12, 0.22
CIELCh	60, 16.119, 0.779
Yxy	27.8345, 0.3452, 0.3143
Android (android.graphics.Color)	4289496720 (0xFFAC8690)
YUV	146.5020, -1.2335, 22.3617
Hunter-Lab	52.7584, 11.1051, 3.0429

Details

The Yxy color **27.8345, 0.3452, 0.3143** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1759, 0.2880, 0.3443**, and the grayscale version is **28.9613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1118, 0.3384, 0.3167**, and **11.0707, 0.3563, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **23.0957, 0.3654, 0.3072**, and if you desaturate by 10%, it is **33.3924, 0.3287, 0.3212**.

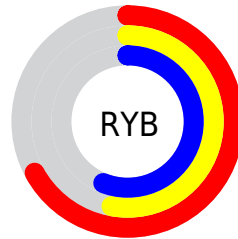
Distribution



Red (67%)

Green (53%)

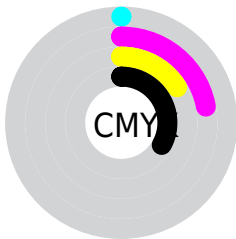
Blue (56%)



Red (67%)

Yellow (53%)

Blue (56%)

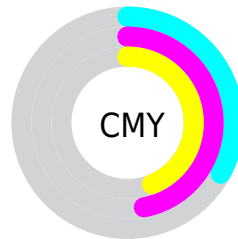


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8345, 0.3452, 0.3143 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 27.8345, 0.3452, 0.3143 by changing the saturation by 10% instead.


 27.8345, 0.3452,
0.3143


 27.8345, 0.3452,
0.3143


291.6752, 0.3276,
0.3223

 18.2009, 0.3501,
0.3121


 56.2201, 0.3384,
0.3174

 11.0943, 0.3569,
0.3090


 75.7409, 0.3360,
0.3185

 6.1303, 0.3665,
0.3046


 99.3263, 0.3340,
0.3194

 2.9245, 0.3815,
0.2978

127.3606, 0.3323,
0.3202

 1.0924, 0.4079,
0.2857

160.2283, 0.3308,
0.3208

 0.0000, 1.0000,
0.0000

198.3137, 0.3296,

 0.0000, 0.0000,

0.3214

0.0000

242.0012, 0.3285,
0.3219

■ 27.8345, 0.3452,
0.3143

■ 27.8345, 0.3452,
0.3143

■ 23.0957, 0.3654,
0.3072

■ 33.3924, 0.3287,
0.3212

■ 19.1335, 0.3899,
0.3003

■ 39.8019, 0.3152,
0.3277

■ 15.9072, 0.4190,
0.2941


■ 47.0981, 0.3042,
0.3337


■ 13.3710, 0.4525,
0.2894


■ 55.3131, 0.2953,
0.3393

■ 11.4737, 0.4894,
0.2874


■ 64.4776, 0.2879,
0.3444


 10.1572, 0.5274,
0.2889

 74.6205, 0.2819,
0.3490

 9.3523, 0.5628,
0.2947

 85.7697, 0.2769,
0.3532

 8.9610, 0.5874,
0.3009

 86.9020, 0.2707,
0.3395

 87.5089, 0.2661,
0.3289

Harmonies

Analogous

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



27.8345, 0.3195, 0.2962



27.8345, 0.3452, 0.3143



27.8345, 0.3623, 0.3365

Triad

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



27.8345, 0.3452, 0.3143



27.8345, 0.3312, 0.3762



27.8345, 0.2626, 0.2973

Complementary

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



27.8345, 0.3452, 0.3143



37.1759, 0.2880, 0.3443

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.



27.8345, 0.2655, 0.3182



27.8345, 0.3452, 0.3143



27.8345, 0.3043, 0.3654

Square

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



27.8345, 0.3452, 0.3143



27.8345, 0.3537, 0.3729



27.8345, 0.2805, 0.3435



27.8345, 0.2724, 0.2860

Rectangle

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



27.8345, 0.3452, 0.3143



27.8345, 0.3660, 0.3512



27.8345, 0.2805, 0.3435



27.8345, 0.2622, 0.3034

Sweetspot

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



27.8358, 0.3452, 0.3143



66.1568, 0.3216, 0.3245



27.6971, 0.3045, 0.2735



14.2351, 0.3224, 0.3241



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.8358, 0.3452, 0.3143



46.5583, 0.3536, 0.3112



30.0962, 0.3538, 0.3422



8.0487, 0.3246, 0.3230



6.6777, 0.5848, 0.2995



0.1948, 0.4997, 0.2526

Inverse Universe

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



27.8358, 0.3452, 0.3143



46.5583, 0.3536, 0.3112



34.2853, 0.2796, 0.3154



8.0487, 0.3246, 0.3230



6.6777, 0.5848, 0.2995



0.1948, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 27.8345, 0.3452, 0.3143 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 27.8345, 0.3452, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

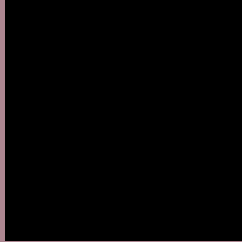
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8345, 0.3452, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 27.8345, 0.3452, 0.3143.



This preview shows how white text looks on a background with the Yxy color 27.8345, 0.3452, 0.3143.

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

27.8345, 0.3452, 0.3143

Protanopia

27.8346, 0.3090, 0.3194

Deuteranopia

27.7175, 0.3295, 0.3228



Tritanopia

27.8345, 0.3452, 0.3143

Trichromacy



Original Color

27.8345, 0.3452, 0.3143

Protanomaly

27.8313, 0.3219, 0.3181

Deuteranomaly

27.6610, 0.3355, 0.3199

Tritanomaly

27.8345, 0.3452, 0.3143

Monochromacy



Original Color

27.8345, 0.3452, 0.3143

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.4892, 0.3238, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8345, 0.3452, 0.3143 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(172, 134, 144)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 144)  
}
```

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(172, 134, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 144) }
```

Border

The CSS property to change the border of an element to Yxy 27.8345, 0.3452, 0.3143 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(172, 134, 144) }
```

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

```
.border{ border-color:rgb(172, 134, 144) }
```

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

Here you see how a box with a 4 pixel rgb(172, 134, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 144);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8345, 0.3452, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 144) }
```

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

```
.background{ background-color: rgb(172,  
134, 144) }
```

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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