

Converting Colors

$Y_{xy}(27.9039, 0.4031, 0.3319)$

Have a look what the booklet for
Yxy(27.9039, 0.4031, 0.3319)
contains.

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Color

Yxy(27.9676, 0.4028, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	C57D7B
RGB	197, 125, 123
RGB Percent	77%, 49%, 48%
CMY	0.2275, 0.5098, 0.5177
CMYK	0.00, 0.37, 0.38, 0.23
HSL	2°, 39%, 63%
HSV	2°, 38%, 77%
XYZ	33.9318, 27.9676, 22.3404
YIQ	146.3000, 43.5540, 14.6420

Conversions

Conversions Part 2

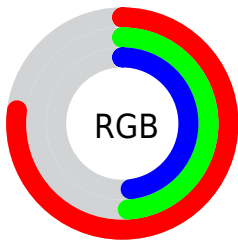
Format	Color
RYB	197, 125, 123
Decimal	12942715
CIELab	59.86, 27.72, 12.83
CIElCh	60, 30.544, 24.839
Yxy	27.9676, 0.4028, 0.3320
Android (android.graphics.Color)	4291132795 (0xFFC57D7B)
YUV	146.3000, -11.4869, 44.4639
Hunter-Lab	52.8844, 21.9818, 11.9727

Details

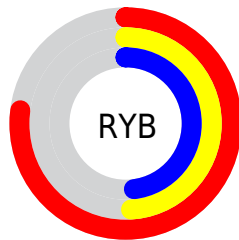
The Yxy color **27.9676, 0.4028, 0.3320** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2498, 0.2604, 0.3260**, and the grayscale version is **28.9090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1959, 0.3838, 0.3324**, and **11.1893, 0.4362, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **23.1323, 0.4406, 0.3328**, and if you desaturate by 10%, it is **33.8403, 0.3714, 0.3312**.

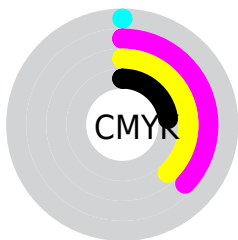
Distribution



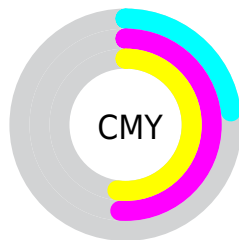
- Red (77%)
- Green (49%)
- Blue (48%)



- Red (77%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (23%)



- Cyan (23%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9676, 0.4028, 0.3320 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 27.9676, 0.4028, 0.3320 by changing the saturation by 10% instead.


 27.9676, 0.4028,
0.3320


 27.9676, 0.4028,
0.3320


292.3121, 0.3535,
0.3318


 18.3012, 0.4166,
0.3315


 56.4327, 0.3838,
0.3323

 11.1665, 0.4354,
0.3304


 76.0002, 0.3770,
0.3323

 6.1789, 0.4621,
0.3280


 99.6370, 0.3713,
0.3322

 2.9542, 0.5028,
0.3225

127.7273, 0.3666,
0.3322

 1.1079, 0.5943,
0.3212

160.6555, 0.3626,
0.3321

 0.0000, 1.0000,
0.0000


198.8061, 0.3591,


 0.0000, 0.0000,


0.3320

0.0000


242.5635, 0.3561,
0.3319


 27.9676, 0.4028,
0.3320


 27.9676, 0.4028,
0.3320


 23.1323, 0.4406,
0.3328


 33.8403, 0.3714,
0.3312


 19.2703, 0.4842,
0.3334


 40.8015, 0.3460,
0.3303

 16.3169, 0.5312,
0.3336

 48.9038, 0.3255,
0.3296

 14.1978, 0.5764,
0.3333

 58.1951, 0.3090,
0.3288

 12.8270, 0.6126,
0.3324

 68.7208, 0.2958,
0.3282

■ 12.0982, 0.6343,
0.3314

■ 80.5236, 0.2851,
0.3276

■ 11.9868, 0.6382,
0.3314

■ 90.6092, 0.2789,
0.3289

Harmonies

Analogous

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



27.9676, 0.3650, 0.2941



27.9676, 0.4028, 0.3320



27.9676, 0.4136, 0.3719

Triad

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



27.9676, 0.4028, 0.3320



27.9676, 0.3051, 0.4073



27.9676, 0.2337, 0.2522

Complementary

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



27.9676, 0.4028, 0.3320



47.2498, 0.2604, 0.3260

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.



27.9676, 0.2209, 0.2744



27.9676, 0.4028, 0.3320



27.9676, 0.2597, 0.3662

Square

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



27.9676, 0.4028, 0.3320



27.9676, 0.3548, 0.4209



27.9676, 0.2298, 0.3154



27.9676, 0.2664, 0.2497

Rectangle

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



27.9676, 0.4028, 0.3320



27.9676, 0.4042, 0.3956



27.9676, 0.2298, 0.3154



27.9676, 0.2271, 0.2573

Sweetspot

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



27.9690, 0.4028, 0.3320



82.1372, 0.3323, 0.3298



30.0035, 0.3183, 0.2385



17.1488, 0.3351, 0.3299



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



27.9690, 0.4028, 0.3320



42.9285, 0.4330, 0.3326



38.8643, 0.3846, 0.3795



10.6829, 0.3289, 0.3297



7.9052, 0.6378, 0.3318



0.3910, 0.6296, 0.3383

Inverse Universe

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



47.2498, 0.2604, 0.3260



82.3388, 0.2515, 0.3253



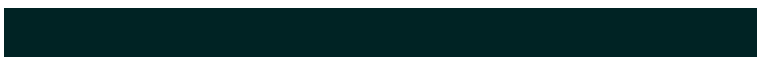
32.9503, 0.2526, 0.2721



12.0155, 0.2984, 0.3283



27.3477, 0.2223, 0.3204



1.3111, 0.2229, 0.3223

Previews

White Background



This preview shows how the Yxy color 27.9676, 0.4028, 0.3320 looks on a white background.

Color Contrast Check

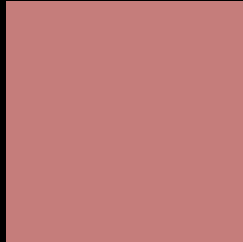
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9676, 0.4028, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

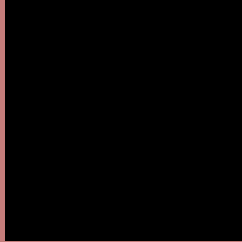
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9676, 0.4028, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 27.9676, 0.4028, 0.3320.



This preview shows how white text looks on a background with the Yxy color 27.9676, 0.4028, 0.3320.

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

27.9676, 0.4028, 0.3320

Protanopia

28.1240, 0.3302, 0.3467

Deuteranopia

28.0368, 0.3649, 0.3582



Tritanopia

28.1145, 0.3918, 0.3172

Trichromacy



Original Color

27.9676, 0.4028, 0.3320

Protanomaly

27.6918, 0.3555, 0.3413

Deuteranomaly

27.8956, 0.3787, 0.3482

Tritanomaly

28.0060, 0.3969, 0.3226

Monochromacy



Original Color

27.9676, 0.4028, 0.3320

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.0113, 0.3430, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9676, 0.4028, 0.3320 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(197, 125, 123)` looks like.

```
.text, #text, p{  
    color:rgb(197, 125, 123)  
}
```

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(197, 125, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 125, 123) }
```

Border

The CSS property to change the border of an element to Yxy 27.9676, 0.4028, 0.3320 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(197, 125, 123) }
```

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

```
.border{ border-color:rgb(197, 125, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 125, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 125, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 125, 123); box-shadow:4px 4px 4px 4px rgb(197, 125, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9676, 0.4028, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 125, 123) }
```

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

```
.background{ background-color: rgb(197,  
125, 123) }
```

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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