

Converting Colors

$Y_{xy}(27.4080, 0.3784, 0.3075)$

Have a look what the booklet for
Yxy(27.4080, 0.3784, 0.3075)
contains.

Yxy(27.3675, 0.3789, 0.3074)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.3675, 0.3789, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	C17B8B
RGB	193, 123, 139
RGB Percent	76%, 48%, 55%
CMY	0.2432, 0.5176, 0.4549
CMYK	0.00, 0.36, 0.28, 0.24
HSL	346°, 36%, 62%
HSV	346°, 36%, 76%
XYZ	33.7331, 27.3675, 27.9284
YIQ	145.7540, 36.5840, 19.8160

Conversions

Conversions Part 2

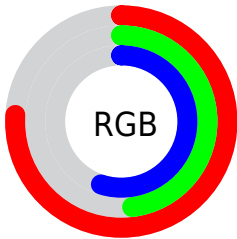
Format	Color
R_{YB}	193, 123, 139
Decimal	12680075
CIE _{Lab}	59.31, 29.38, 2.78
CIE _{LCh}	59, 29.511, 5.396
Yxy	27.3675, 0.3789, 0.3074
Android (android.graphics.Color)	4290870155 (0xFFC17B8B)
YUV	145.7540, -3.3297, 41.4347
Hunter-Lab	52.3140, 23.5509, 4.9671

Details

The Yxy color **27.3675, 0.3789, 0.3074** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5215, 0.2722, 0.3523**, and the grayscale version is **28.6421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3657, 0.3656, 0.3122**, and **10.8896, 0.4036, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **22.6368, 0.4071, 0.3016**, and if you desaturate by 10%, it is **33.1039, 0.3555, 0.3136**.

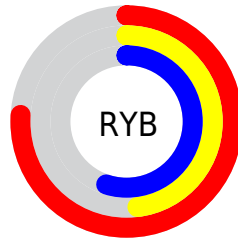
Distribution



Red (76%)

Green (48%)

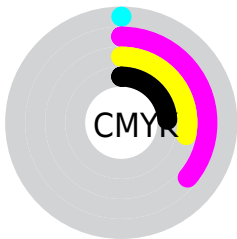
Blue (55%)



Red (76%)

Yellow (48%)

Blue (55%)

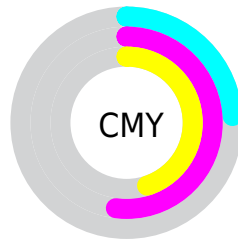


Cyan (0%)

Magenta (36%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3675, 0.3789, 0.3074 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 27.3675, 0.3789, 0.3074 by changing the saturation by 10% instead.

 27.3675, 0.3789,
0.3074


 27.3675, 0.3789,
0.3074


289.4321, 0.3428,
0.3195


 17.8494, 0.3891,
0.3039


 55.4730, 0.3650,
0.3121

 10.8419, 0.4029,
0.2991


 74.8293, 0.3600,
0.3138

 5.9606, 0.4226,
0.2921

 98.2337, 0.3559,
0.3152

 2.8212, 0.4533,
0.2809

126.0706, 0.3524,
0.3163

 1.0391, 0.5065,
0.2606

158.7246, 0.3495,
0.3173

 0.0000, 1.0000,
0.0000

196.5799, 0.3469,

 0.0000, 0.0000,

0.3181

0.0000

240.0209, 0.3447,
0.3188

■ 27.3675, 0.3789,
0.3074

■ 27.3675, 0.3789,
0.3074

■ 22.6368, 0.4071,
0.3016

■ 33.1039, 0.3555,
0.3136

■ 18.8499, 0.4403,
0.2968

■ 39.8956, 0.3364,
0.3197

■ 15.9438, 0.4779,
0.2939


■ 47.7934, 0.3209,
0.3255


■ 13.8465, 0.5178,
0.2940


■ 56.8438, 0.3083,
0.3310


■ 12.4743, 0.5564,
0.2977

■ 67.0907, 0.2981,
0.3360

 11.7200, 0.5894,
0.3052

 78.5755, 0.2898,
0.3406

 11.5185, 0.6002,
0.3080

 89.3411, 0.2827,
0.3415

 90.0760, 0.2768,
0.3289

Harmonies

Analogous

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



27.3675, 0.3319, 0.2752



27.3675, 0.3789, 0.3074



27.3675, 0.4074, 0.3459

Triad

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



27.3675, 0.3789, 0.3074



27.3675, 0.3371, 0.4172



27.3675, 0.2252, 0.2660

Complementary

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



27.3675, 0.3789, 0.3074



45.5215, 0.2722, 0.3523

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.



27.3675, 0.2264, 0.3001



27.3675, 0.3789, 0.3074



27.3675, 0.2887, 0.3934

Square

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



27.3675, 0.3789, 0.3074



27.3675, 0.3811, 0.4114



27.3675, 0.2487, 0.3478



27.3675, 0.2448, 0.2511

Rectangle

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



27.3675, 0.3789, 0.3074



27.3675, 0.4109, 0.3717



27.3675, 0.2487, 0.3478



27.3675, 0.2232, 0.2753

Sweetspot

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



27.3688, 0.3789, 0.3074



78.4065, 0.3281, 0.3227



27.3260, 0.2997, 0.2356



16.4101, 0.3303, 0.3219



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



27.3688, 0.3789, 0.3074



41.7641, 0.4023, 0.3025



32.0151, 0.3898, 0.3546



10.1147, 0.3254, 0.3238



7.6724, 0.5971, 0.3063



0.3424, 0.5329, 0.2709

Inverse Universe

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



27.3688, 0.3789, 0.3074



41.7641, 0.4023, 0.3025



38.4608, 0.2586, 0.3015



10.1147, 0.3254, 0.3238



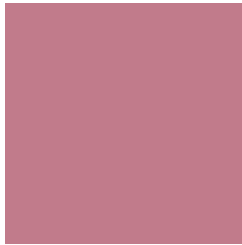
7.6724, 0.5971, 0.3063



0.3424, 0.5329, 0.2709

Previews

White Background



This preview shows how the Yxy color 27.3675, 0.3789, 0.3074 looks on a white background.

Color Contrast Check

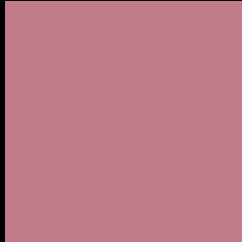
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3675, 0.3789, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

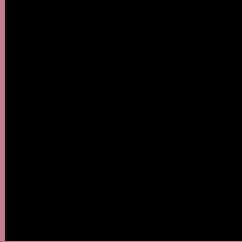
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3675, 0.3789, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 27.3675, 0.3789, 0.3074.



This preview shows how white text looks on a background with the Yxy color 27.3675, 0.3789, 0.3074.

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

27.3675, 0.3789, 0.3074

Protanopia

27.4773, 0.3070, 0.3162

Deuteranopia

27.4281, 0.3395, 0.3322



Tritanopia

27.3152, 0.3849, 0.3169

Trichromacy



Original Color

27.3675, 0.3789, 0.3074

Protanomaly

27.0847, 0.3315, 0.3122

Deuteranomaly

27.3519, 0.3535, 0.3232

Tritanomaly

27.3710, 0.3824, 0.3141

Monochromacy



Original Color

27.3675, 0.3789, 0.3074

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9467, 0.3353, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3675, 0.3789, 0.3074 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(193, 123, 139)` looks like.

```
.text, #text, p{  
    color:rgb(193, 123, 139)  
}
```

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(193, 123, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 123, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.3675, 0.3789, 0.3074 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(193, 123, 139) }
```

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

```
.border{ border-color:rgb(193, 123, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 123, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 123, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 123, 139);  
box-shadow:4px 4px 4px 4px rgb(193, 123,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3675, 0.3789, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 123, 139) }
```

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

```
.background{ background-color: rgb(193,  
123, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor