

Converting Colors

$Y_{xy}(27.6804, 0.3599, 0.3176)$

Have a look what the booklet for
Yxy(27.6804, 0.3599, 0.3176)
contains.

Yxy(27.6804, 0.3599, 0.3176)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.6804, 0.3599, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	B3838B
RGB	179, 131, 139
RGB Percent	70%, 51%, 55%
CMY	0.2980, 0.4863, 0.4550
CMYK	0.00, 0.27, 0.22, 0.30
HSL	350°, 24%, 61%
HSV	350°, 27%, 70%
XYZ	31.3671, 27.6804, 28.1075
YIQ	146.2640, 26.0400, 12.6640

Conversions

Conversions Part 2

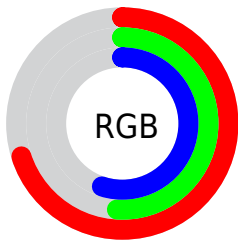
Format	Color
R_{YB}	179, 131, 139
Decimal	11764619
CIE Lab	59.60, 19.67, 3.00
CIE LCh	60, 19.897, 8.664
Yxy	27.6804, 0.3599, 0.3176
Android (android.graphics.Color)	4289954699 (0xFFB3838B)
YUV	146.2640, -3.5812, 28.7095
Hunter-Lab	52.6122, 14.3493, 5.1535

Details

The Yxy color **27.6804, 0.3599, 0.3176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0107, 0.2797, 0.3409**, and the grayscale version is **28.8659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9196, 0.3508, 0.3203**, and **10.9661, 0.3768, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **22.8744, 0.3854, 0.3132**, and if you desaturate by 10%, it is **33.3793, 0.3391, 0.3220**.

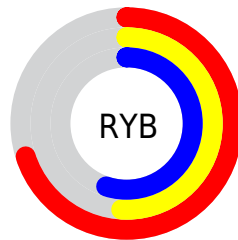
Distribution



Red (70%)

Green (51%)

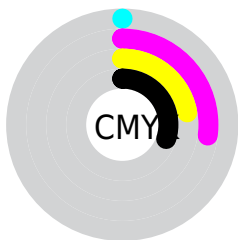
Blue (55%)



Red (70%)

Yellow (51%)

Blue (55%)

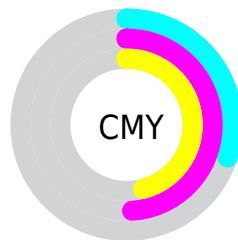


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (30%)



Cyan (30%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6804, 0.3599, 0.3176 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 27.6804, 0.3599, 0.3176 by changing the saturation by 10% instead.


 27.6804, 0.3599,
0.3176


 27.6804, 0.3599,
0.3176


290.9366, 0.3342,
0.3240


 18.0849, 0.3672,
0.3157


 55.9738, 0.3500,
0.3201

 11.0109, 0.3770,
0.3131


 75.4404, 0.3464,
0.3210

 6.0742, 0.3912,
0.3092

 98.9662, 0.3435,
0.3218

 2.8903, 0.4134,
0.3029

126.9356, 0.3410,
0.3224

 1.0747, 0.4524,
0.2910

159.7329, 0.3389,
0.3229

 0.0000, 1.0000,
0.0000

197.7426, 0.3371,


 0.0000, 0.0000,

0.3233

0.0000


241.3490, 0.3355,
0.3237

 27.6804, 0.3599,
0.3176


 27.6804, 0.3599,
0.3176


 22.8744, 0.3854,
0.3132


 33.3793, 0.3391,
0.3220


 18.9124, 0.4162,
0.3091

 40.0090, 0.3223,
0.3263


 15.7464, 0.4524,
0.3058


 47.6103, 0.3087,
0.3302

 13.3224, 0.4931,
0.3041


 56.2200, 0.2977,
0.3338


 11.5795, 0.5355,
0.3049


 65.8732, 0.2887,
0.3372

 10.4469, 0.5751,
0.3085

 76.6033, 0.2814,
0.3401

 9.8268, 0.6069,
0.3147

 87.6040, 0.2752,
0.3415

 9.6772, 0.6154,
0.3164

 88.3247, 0.2696,
0.3289

Harmonies

Analogous

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



27.6804, 0.3298, 0.2939



27.6804, 0.3599, 0.3176



27.6804, 0.3770, 0.3449

Triad

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



27.6804, 0.3599, 0.3176



27.6804, 0.3266, 0.3861



27.6804, 0.2531, 0.2848

Complementary

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



27.6804, 0.3599, 0.3176



40.0107, 0.2797, 0.3409

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.



27.6804, 0.2524, 0.3075



27.6804, 0.3599, 0.3176



27.6804, 0.2937, 0.3684

Square

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



27.6804, 0.3599, 0.3176



27.6804, 0.3568, 0.3859



27.6804, 0.2669, 0.3385



27.6804, 0.2686, 0.2750

Rectangle

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



27.6804, 0.3599, 0.3176



27.6804, 0.3782, 0.3623



27.6804, 0.2669, 0.3385



27.6804, 0.2511, 0.2911

Sweetspot

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



27.6817, 0.3599, 0.3176



69.9850, 0.3243, 0.3257



28.1473, 0.3073, 0.2617



15.0949, 0.3267, 0.3251



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.6817, 0.3599, 0.3176



44.4549, 0.3739, 0.3150



32.0925, 0.3634, 0.3521



8.5275, 0.3262, 0.3252



6.8443, 0.6130, 0.3151



0.2224, 0.5454, 0.2778

Inverse Universe

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



27.6817, 0.3599, 0.3176



44.4549, 0.3739, 0.3150



34.2774, 0.2719, 0.3046



8.5275, 0.3262, 0.3252



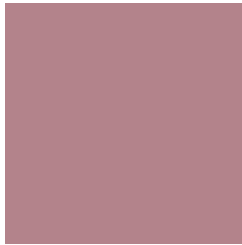
6.8443, 0.6130, 0.3151



0.2224, 0.5454, 0.2778

Previews

White Background



This preview shows how the Yxy color 27.6804, 0.3599, 0.3176 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 27.6804, 0.3599, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

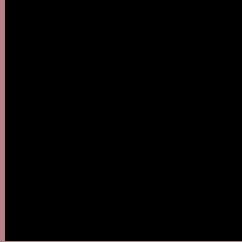
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6804, 0.3599, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 27.6804, 0.3599, 0.3176.



This preview shows how white text looks on a background with the Yxy color 27.6804, 0.3599, 0.3176.

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

27.6804, 0.3599, 0.3176

Protanopia

27.8312, 0.3129, 0.3242

Deuteranopia

27.7738, 0.3371, 0.3306



Tritanopia

27.7394, 0.3575, 0.3147

Trichromacy



Original Color

27.6804, 0.3599, 0.3176

Protanomaly

27.7175, 0.3295, 0.3228

Deuteranomaly

27.6588, 0.3457, 0.3261

Tritanomaly

27.7098, 0.3587, 0.3161

Monochromacy



Original Color

27.6804, 0.3599, 0.3176

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.3020, 0.3292, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6804, 0.3599, 0.3176 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(179, 131, 139)` looks like.

```
.text, #text, p{  
    color:rgb(179, 131, 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(179, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 131, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.6804, 0.3599, 0.3176 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(179, 131, 139) }
```

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

```
.border{ border-color:rgb(179, 131, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 131, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 131, 139); box-shadow:4px 4px 4px 4px rgb(179, 131, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6804, 0.3599, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 131, 139) }
```

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

```
.background{ background-color: rgb(179,  
131, 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