

Converting Colors

$Y_{xy}(27.6214, 0.3573, 0.3330)$

Have a look what the booklet for
Yxy(27.6214, 0.3573, 0.3330)
contains.

Yxy(27.6518, 0.3574, 0.3336)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.6518, 0.3574, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	AB8784
RGB	171, 135, 132
RGB Percent	67%, 53%, 52%
CMY	0.3294, 0.4706, 0.4823
CMYK	0.00, 0.21, 0.23, 0.33
HSL	5°, 19%, 59%
HSV	5°, 23%, 67%
XYZ	29.6246, 27.6518, 25.6127
YIQ	145.4220, 22.4190, 6.6990

Conversions

Conversions Part 2

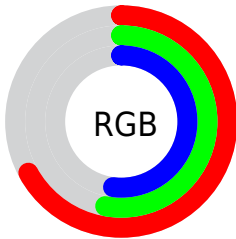
Format	Color
R_{YB}	171, 135, 132
Decimal	11241348
CIE _{Lab}	59.57, 13.26, 6.84
CIE _{LCh}	60, 14.920, 27.275
Yxy	27.6518, 0.3574, 0.3336
Android (android.graphics.Color)	4289431428 (0xFFAB8784)
YUV	145.4220, -6.6170, 22.4319
Hunter-Lab	52.5850, 8.5370, 7.9309

Details

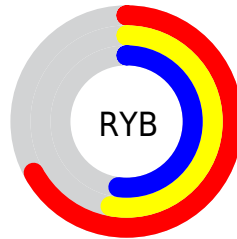
The Yxy color **27.6518, 0.3574, 0.3336** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8599, 0.2793, 0.3244**, and the grayscale version is **28.5178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8001, 0.3481, 0.3325**, and **10.9731, 0.3732, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **23.1377, 0.3847, 0.3358**, and if you desaturate by 10%, it is **32.8988, 0.3352, 0.3315**.

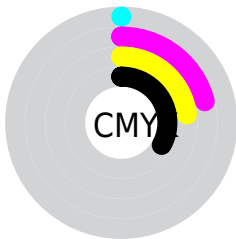
Distribution



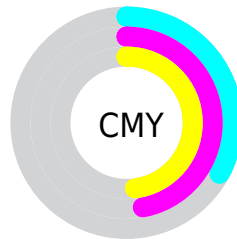
- Red (67%)
- Green (53%)
- Blue (52%)



- Red (67%)
- Yellow (53%)
- Blue (52%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (33%)




- Cyan (33%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6518, 0.3574, 0.3336 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 27.6518, 0.3574, 0.3336 by changing the saturation by 10% instead.


 27.6518, 0.3574,
0.3336


 27.6518, 0.3574,
0.3336


290.7993, 0.3329,
0.3315


 18.0633, 0.3643,
0.3340


 55.9280, 0.3479,
0.3329

 10.9955, 0.3738,
0.3345


 75.3846, 0.3446,
0.3326

 6.0638, 0.3874,
0.3350

 98.8994, 0.3418,
0.3323

 2.8839, 0.4087,
0.3353

126.8567, 0.3394,
0.3321

 1.0714, 0.4504,
0.3370

159.6409, 0.3375,
0.3319

 0.0000, 1.0000,
0.0000

197.6365, 0.3357,

 0.0000, 0.0000,

0.3318

0.0000

241.2278, 0.3343,
0.3316

■ 27.6518, 0.3574,
0.3336

■ 27.6518, 0.3574,
0.3336

■ 23.1377, 0.3847,
0.3358

■ 32.8988, 0.3352,
0.3315

■ 19.3203, 0.4176,
0.3379

■ 38.9054, 0.3171,
0.3295

■ 16.1661, 0.4565,
0.3396

■ 45.7014, 0.3025,
0.3277

■ 13.6371, 0.5001,
0.3407

■ 53.3140, 0.2905,
0.3261

■ 11.6918, 0.5454,
0.3407

■ 61.7691, 0.2807,
0.3246

■ 10.2833, 0.5869,
0.3393

■ 71.0915, 0.2727,
0.3232

■ 9.3577, 0.6183,
0.3364

■ 81.3048, 0.2659,
0.3220

■ 8.9479, 0.6339,
0.3349

■ 87.3980, 0.2657,
0.3289

Harmonies

Analogous

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



27.6518, 0.3404, 0.3131



27.6518, 0.3574, 0.3336



27.6518, 0.3619, 0.3538

Triad

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



27.6518, 0.3574, 0.3336



27.6518, 0.3079, 0.3645



27.6518, 0.2736, 0.2898

Complementary

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



27.6518, 0.3574, 0.3336



35.8599, 0.2793, 0.3244

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.



27.6518, 0.2658, 0.3015



27.6518, 0.3574, 0.3336



27.6518, 0.2851, 0.3452

Square

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



27.6518, 0.3574, 0.3336



27.6518, 0.3327, 0.3730



27.6518, 0.2699, 0.3217



27.6518, 0.2917, 0.2884

Rectangle

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



27.6518, 0.3574, 0.3336



27.6518, 0.3571, 0.3646



27.6518, 0.2699, 0.3217



27.6518, 0.2698, 0.2926

Sweetspot

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



27.6531, 0.3574, 0.3336



64.8501, 0.3245, 0.3304



28.0083, 0.3180, 0.2770



14.3243, 0.3255, 0.3305



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.



27.6531, 0.3574, 0.3336



45.5791, 0.3695, 0.3346



33.4719, 0.3514, 0.3615



8.1101, 0.3285, 0.3308



6.7780, 0.6330, 0.3356



0.2197, 0.6049, 0.3579

Inverse Universe

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



35.8599, 0.2793, 0.3244



62.7062, 0.2729, 0.3233



29.3145, 0.2770, 0.2942



8.9657, 0.2986, 0.3272



20.6650, 0.2181, 0.3053



0.6052, 0.2203, 0.3130

Previews

White Background



This preview shows how the Yxy color 27.6518, 0.3574, 0.3336 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 27.6518, 0.3574, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

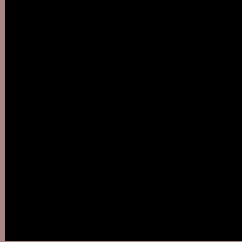
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6518, 0.3574, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 27.6518, 0.3574, 0.3336.



This preview shows how white text looks on a background with the Yxy color 27.6518, 0.3574, 0.3336.

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

27.6518, 0.3574, 0.3336

Protanopia

27.7184, 0.3251, 0.3403

Deuteranopia

27.7853, 0.3470, 0.3415



Tritanopia

27.5593, 0.3455, 0.3128

Trichromacy



Original Color

27.6518, 0.3574, 0.3336

Protanomaly

27.5734, 0.3356, 0.3370

Deuteranomaly

27.8150, 0.3507, 0.3398

Tritanomaly

27.7143, 0.3498, 0.3202

Monochromacy



Original Color

27.6518, 0.3574, 0.3336

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8132, 0.3279, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6518, 0.3574, 0.3336 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(171, 135, 132)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 132)  
}
```

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(171, 135, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 132) }
```

Border

The CSS property to change the border of an element to Yxy 27.6518, 0.3574, 0.3336 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(171, 135, 132) }
```

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

```
.border{ border-color:rgb(171, 135, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 132);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6518, 0.3574, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 132) }
```

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

```
.background{ background-color: rgb(171,  
135, 132) }
```

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