

Converting Colors

$Yxy(29.9821, 0.3541, 0.3336)$

Have a look what the booklet for
Yxy(29.9821, 0.3541, 0.3336)
contains.

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Color

Yxy(29.9987, 0.3534, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	AF8D8A
RGB	175, 141, 138
RGB Percent	69%, 55%, 54%
CMY	0.3138, 0.4470, 0.4588
CMYK	0.00, 0.19, 0.21, 0.31
HSL	5°, 19%, 61%
HSV	5°, 21%, 69%
XYZ	31.7887, 29.9987, 28.1637
YIQ	150.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

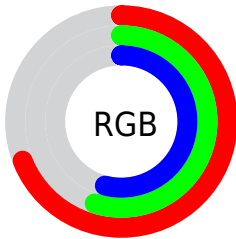
Format	Color
RYB	175, 141, 138
Decimal	11505034
CIELab	61.65, 12.36, 6.45
CIELCh	62, 13.941, 27.579
Yxy	29.9987, 0.3534, 0.3335
Android (android.graphics.Color)	4289695114 (0xFFAF8D8A)
YUV	150.8240, -6.3222, 21.2024
Hunter-Lab	54.7711, 7.7507, 7.8524

Details

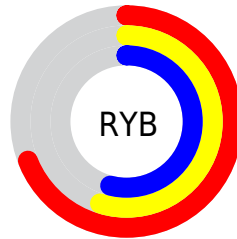
The Yxy color **29.9987, 0.3534, 0.3335** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9962, 0.2815, 0.3245**, and the grayscale version is **30.8893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7807, 0.3452, 0.3336**, and **12.3243, 0.3681, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **25.1305, 0.3798, 0.3358**, and if you desaturate by 10%, it is **35.6396, 0.3319, 0.3313**.

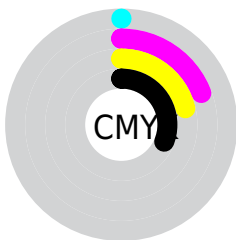
Distribution



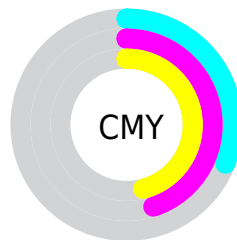
- Red (69%)
- Green (55%)
- Blue (54%)



- Red (69%)
- Yellow (55%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (31%)



- Cyan (31%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9987, 0.3534, 0.3335 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 29.9987, 0.3534, 0.3335 by changing the saturation by 10% instead.


 29.9987, 0.3534,
0.3335


 29.9987, 0.3534,
0.3335


301.8984, 0.3314,
0.3314


 19.8376, 0.3595,
0.3340


 59.6601, 0.3450,
0.3328

 12.2771, 0.3677,
0.3345


 79.9292, 0.3419,
0.3325

 6.9327, 0.3795,
0.3351


 104.3365, 0.3394,
0.3322

 3.4200, 0.3975,
0.3356

133.2662, 0.3373,
0.3320

 1.3547, 0.4286,
0.3354

167.1029, 0.3355,
0.3318

 0.1830, 0.7221,
0.2779

206.2309, 0.3340,

 0.0000, 0.0000,

0.3317

0.0000

251.0346, 0.3326,
0.3315

■ 29.9987, 0.3534,
0.3335

■ 29.9987, 0.3534,
0.3335

■ 25.1305, 0.3798,
0.3358

■ 35.6396, 0.3319,
0.3313

■ 20.9976, 0.4118,
0.3380

■ 42.0806, 0.3145,
0.3292

■ 17.5654, 0.4496,
0.3400

■ 49.3526, 0.3003,
0.3273

■ 14.7949, 0.4926,
0.3413

■ 57.4838, 0.2887,
0.3256

■ 12.6436, 0.5378,
0.3415

■ 66.5009, 0.2792,
0.3241

■ 11.0636, 0.5804,
0.3403

■ 76.4297, 0.2714,
0.3227

■ 10.0003, 0.6138,
0.3375

■ 86.9355, 0.2674,
0.3273

■ 9.4311, 0.6336,
0.3351

■ 87.8516, 0.2676,
0.3289

Harmonies

Analogous

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



29.9987, 0.3381, 0.3147



29.9987, 0.3534, 0.3335



29.9987, 0.3574, 0.3519

Triad

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



29.9987, 0.3534, 0.3335



29.9987, 0.3082, 0.3610



29.9987, 0.2772, 0.2932

Complementary

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



29.9987, 0.3534, 0.3335



37.9962, 0.2815, 0.3245

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.



29.9987, 0.2700, 0.3039



29.9987, 0.3534, 0.3335



29.9987, 0.2874, 0.3435

Square

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



29.9987, 0.3534, 0.3335



29.9987, 0.3307, 0.3689



29.9987, 0.2736, 0.3223



29.9987, 0.2938, 0.2919

Rectangle

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



29.9987, 0.3534, 0.3335



29.9987, 0.3530, 0.3616



29.9987, 0.2736, 0.3223



29.9987, 0.2736, 0.2958

Sweetspot

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



30.0001, 0.3534, 0.3335



69.4589, 0.3227, 0.3302



30.2904, 0.3176, 0.2808



15.2761, 0.3238, 0.3304



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.0001, 0.3534, 0.3335



49.8216, 0.3641, 0.3345



35.7296, 0.3483, 0.3591



8.1159, 0.3284, 0.3309



6.7948, 0.6326, 0.3359



0.2220, 0.6030, 0.3594

Inverse Universe

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



37.9962, 0.2815, 0.3245



66.5397, 0.2756, 0.3234



31.6202, 0.2797, 0.2970



8.9592, 0.2986, 0.3271



20.4631, 0.2177, 0.3038



0.6012, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 29.9987, 0.3534, 0.3335 looks on a white background.

Color Contrast Check

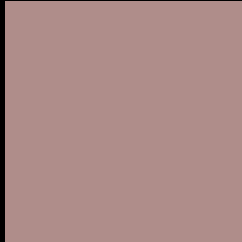
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9987, 0.3534, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

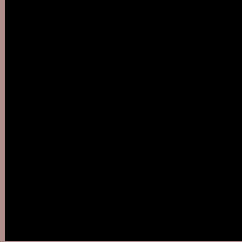
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 29.9987, 0.3534, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 29.9987, 0.3534, 0.3335.



This preview shows how white text looks on a background with the Yxy color 29.9987, 0.3534, 0.3335.

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

29.9987, 0.3534, 0.3335

Protanopia

30.2202, 0.3236, 0.3400

Deuteranopia

30.0775, 0.3459, 0.3396



Tritanopia

29.8974, 0.3420, 0.3132

Trichromacy



Original Color

29.9987, 0.3534, 0.3335

Protanomaly

30.0579, 0.3336, 0.3367

Deuteranomaly

30.1090, 0.3495, 0.3380

Tritanomaly

30.0616, 0.3461, 0.3204

Monochromacy



Original Color

29.9987, 0.3534, 0.3335

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4163, 0.3273, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9987, 0.3534, 0.3335 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(175, 141, 138)` looks like.

```
.text, #text, p{  
    color:rgb(175, 141, 138)  
}
```

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(175, 141, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 141, 138) }
```

Border

The CSS property to change the border of an element to Yxy 29.9987, 0.3534, 0.3335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

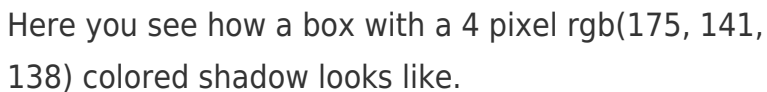
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 141, 138) }
```

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

```
.border{ border-color:rgb(175, 141, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 141, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 141, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 141, 138); box-shadow:4px 4px 4px 4px rgb(175, 141, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9987, 0.3534, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 141, 138) }
```

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

```
.background{ background-color: rgb(175,  
141, 138) }
```

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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