

Converting Colors

$Yxy(32.6061, 0.3377, 0.3357)$

Have a look what the booklet for
Yxy(32.6061, 0.3377, 0.3357)
contains.

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Color

Yxy(32.4341, 0.3374, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	AA9692
RGB	170, 150, 146
RGB Percent	67%, 59%, 57%
CMY	0.3333, 0.4118, 0.4274
CMYK	0.00, 0.12, 0.14, 0.33
HSL	10°, 12%, 62%
HSV	10°, 14%, 67%
XYZ	32.6762, 32.4341, 31.7368
YIQ	155.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

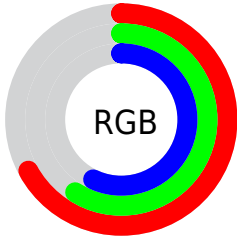
Format	Color
RYB	170, 151, 146
Decimal	11179666
CIELab	63.70, 6.73, 4.81
CIElCh	64, 8.274, 35.524
Yxy	32.4341, 0.3374, 0.3349
Android (android.graphics.Color)	4289369746 (0xFFAA9692)
YUV	155.5240, -4.6953, 12.6955
Hunter-Lab	56.9509, 2.7521, 6.8254

Details

The Yxy color **32.4341, 0.3374, 0.3349** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3012, 0.2915, 0.3230**, and the grayscale version is **33.0416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3634, 0.3320, 0.3335**, and **13.6198, 0.3458, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **27.6900, 0.3594, 0.3394**, and if you desaturate by 10%, it is **37.8076, 0.3192, 0.3307**.

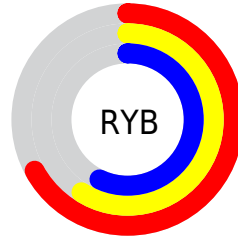
Distribution



Red (67%)

Green (59%)

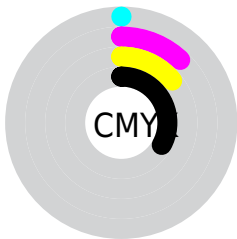
Blue (57%)



Red (67%)

Yellow (59%)

Blue (57%)

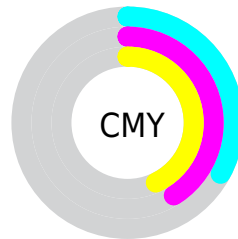


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (41%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4341, 0.3374, 0.3349 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 32.4341, 0.3374, 0.3349 by changing the saturation by 10% instead.


 32.4341, 0.3374,
0.3349

 32.4341, 0.3374,
0.3349


313.0920, 0.3242,
0.3319

 21.6933, 0.3410,
0.3357


 63.4910, 0.3324,
0.3338

 13.6317, 0.3458,
0.3367


 84.5759, 0.3306,
0.3334

 7.8650, 0.3525,
0.3380


109.8776, 0.3291,
0.3330

 4.0087, 0.3627,
0.3399

139.7805, 0.3278,
0.3327

 1.6784, 0.3798,
0.3426

174.6690, 0.3267,
0.3325

 0.4096, 0.5159,
0.3817

214.9275, 0.3258,


 0.0000, 0.0000,

0.3323

0.0000

260.9403, 0.3250,
0.3321

 32.4341, 0.3374,
0.3349


 32.4341, 0.3374,
0.3349


 27.6900, 0.3594,
0.3394


 37.8076, 0.3192,
0.3307


 23.5479, 0.3860,
0.3440


 43.8277, 0.3043,
0.3267


 19.9849, 0.4176,
0.3484

 50.5167, 0.2919,
0.3231

 16.9752, 0.4543,
0.3522

 57.8944, 0.2816,
0.3199

 14.4906, 0.4950,
0.3546

 65.9795, 0.2730,
0.3169

■ 12.5006, 0.5372,
0.3549

■ 74.7905, 0.2658,
0.3143

■ 10.9717, 0.5766,
0.3524

■ 83.6820, 0.2644,
0.3226

■ 9.8656, 0.6080,
0.3470

■ 87.2884, 0.2652,
0.3289

■ 9.3890, 0.6226,
0.3438

Harmonies

Analogous

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



32.4341, 0.3302, 0.3236



32.4341, 0.3374, 0.3349



32.4341, 0.3378, 0.3450

Triad

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



32.4341, 0.3374, 0.3349



32.4341, 0.3068, 0.3450



32.4341, 0.2942, 0.3073

Complementary

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



32.4341, 0.3374, 0.3349



36.3012, 0.2915, 0.3230

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.



32.4341, 0.2882, 0.3125



32.4341, 0.3374, 0.3349



32.4341, 0.2954, 0.3343

Square

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



32.4341, 0.3374, 0.3349



32.4341, 0.3200, 0.3512



32.4341, 0.2887, 0.3223



32.4341, 0.3051, 0.3079

Rectangle

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



32.4341, 0.3374, 0.3349



32.4341, 0.3342, 0.3496



32.4341, 0.2887, 0.3223



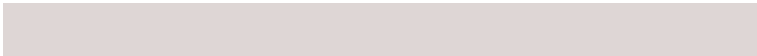
32.4341, 0.2915, 0.3084

Sweetspot

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



32.4355, 0.3374, 0.3349



68.6293, 0.3192, 0.3306



31.8785, 0.3178, 0.2999



15.1351, 0.3204, 0.3309



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.



32.4355, 0.3374, 0.3349



55.9700, 0.3440, 0.3363



36.3304, 0.3350, 0.3516



7.7360, 0.3282, 0.3328



6.9624, 0.6211, 0.3450



0.2264, 0.5690, 0.3864

Inverse Universe

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



36.3012, 0.2915, 0.3230



64.3758, 0.2868, 0.3216



32.2637, 0.2909, 0.3054



8.3170, 0.2987, 0.3252



16.3899, 0.2101, 0.2762



0.4533, 0.2154, 0.2954

Previews

White Background



This preview shows how the Yxy color 32.4341, 0.3374, 0.3349 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.4341, 0.3374, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

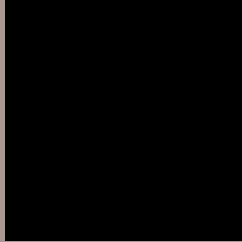
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

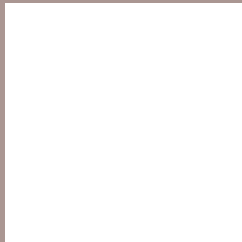
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.4341, 0.3374, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 32.4341, 0.3374, 0.3349.



This preview shows how white text looks on a background with the Yxy color 32.4341, 0.3374, 0.3349.

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

32.4341, 0.3374, 0.3349

Protanopia

32.6202, 0.3233, 0.3381

Deuteranopia

32.3409, 0.3397, 0.3334



Tritanopia

32.4885, 0.3259, 0.3119

Trichromacy



Original Color

32.4341, 0.3374, 0.3349

Protanomaly

32.6756, 0.3285, 0.3380

Deuteranomaly

32.2281, 0.3387, 0.3335

Tritanomaly

32.5194, 0.3296, 0.3204

Monochromacy



Original Color

32.4341, 0.3374, 0.3349

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.9553, 0.3216, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4341, 0.3374, 0.3349 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(170, 150, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 150, 146)  
}
```

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(170, 150, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 150, 146) }
```

Border

The CSS property to change the border of an element to Yxy 32.4341, 0.3374, 0.3349 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(170, 150, 146) }
```

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

```
.border{ border-color:rgb(170, 150, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 150, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 150, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 150, 146);  
box-shadow:4px 4px 4px 4px rgb(170, 150,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4341, 0.3374, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 150, 146) }
```

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

```
.background{ background-color: rgb(170,  
150, 146) }
```

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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