

Converting Colors

$Yxy(33.5937, 0.3350, 0.3319)$

Have a look what the booklet for
Yxy(33.5937, 0.3350, 0.3319)
contains.

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Color

Yxy(33.4291, 0.3351, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	AC9896
RGB	172, 152, 150
RGB Percent	67%, 60%, 59%
CMY	0.3256, 0.4039, 0.4118
CMYK	0.00, 0.12, 0.13, 0.33
HSL	6°, 12%, 63%
HSV	6°, 13%, 67%
XYZ	33.7412, 33.4291, 33.5197
YIQ	157.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

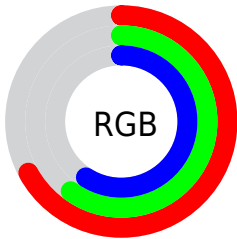
Format	Color
RYB	172, 152, 150
Decimal	11311254
CIELab	64.51, 7.02, 3.76
CIELCh	65, 7.965, 28.173
Yxy	33.4291, 0.3351, 0.3320
Android (android.graphics.Color)	4289501334 (0xFFAC9896)
YUV	157.7520, -3.8217, 12.4955
Hunter-Lab	57.8179, 2.9873, 6.0994

Details

The Yxy color **33.4291, 0.3351, 0.3320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1878, 0.2935, 0.3260**, and the grayscale version is **34.0863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9962, 0.3311, 0.3313**, and **14.2013, 0.3437, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **28.1786, 0.3572, 0.3345**, and if you desaturate by 10%, it is **39.4306, 0.3171, 0.3296**.

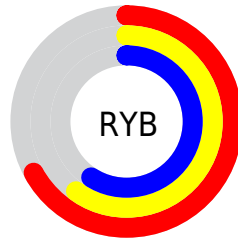
Distribution



Red (67%)

Green (60%)

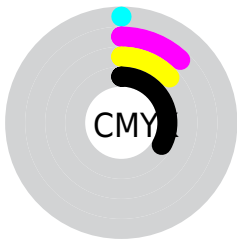
Blue (59%)



Red (67%)

Yellow (60%)

Blue (59%)

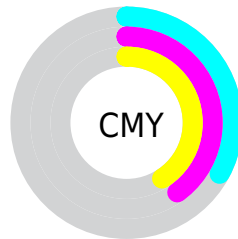


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (33%)



Cyan (33%)


Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4291, 0.3351, 0.3320 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 33.4291, 0.3351, 0.3320 by changing the saturation by 10% instead.


 33.4291, 0.3351,
0.3320

 33.4291, 0.3351,
0.3320


317.5789, 0.3232,
0.3305

 22.4554, 0.3383,
0.3324


 65.0449, 0.3306,
0.3315

 14.1919, 0.3426,
0.3328


 86.4557, 0.3290,
0.3313

 8.2542, 0.3486,
0.3334

112.1144, 0.3276,
0.3311

 4.2581, 0.3575,
0.3342

142.4053, 0.3265,
0.3309

 1.8189, 0.3725,
0.3353

177.7128, 0.3255,
0.3308

 0.4989, 0.4531,
0.3502

218.4213, 0.3246,


 0.0000, 0.0000,

0.3307


0.0000

264.9152, 0.3239,
0.3306


 33.4291, 0.3351,
0.3320


 33.4291, 0.3351,
0.3320


 28.1786, 0.3572,
0.3345

 39.4306, 0.3171,
0.3296


 23.6454, 0.3842,
0.3371


 46.2063, 0.3025,
0.3274


 19.7995, 0.4169,
0.3396

 53.7841, 0.2905,
0.3255

 16.6073, 0.4553,
0.3418

 62.1890, 0.2807,
0.3237

 14.0325, 0.4983,
0.3431

 71.4451, 0.2725,
0.3221

■ 12.0351, 0.5432,
0.3432

■ 81.5753, 0.2657,
0.3206

■ 10.5702, 0.5846,
0.3415

■ 87.5080, 0.2661,
0.3289

■ 9.5865, 0.6163,
0.3382

■ 9.1356, 0.6324,
0.3361

Harmonies

Analogous

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



33.4291, 0.3269, 0.3213



33.4291, 0.3351, 0.3320



33.4291, 0.3372, 0.3422

Triad

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



33.4291, 0.3351, 0.3320



33.4291, 0.3101, 0.3462



33.4291, 0.2931, 0.3091

Complementary

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



33.4291, 0.3351, 0.3320



38.1878, 0.2935, 0.3260

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.



33.4291, 0.2889, 0.3152



33.4291, 0.3351, 0.3320



33.4291, 0.2986, 0.3368

Square

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



33.4291, 0.3351, 0.3320



33.4291, 0.3226, 0.3507



33.4291, 0.2908, 0.3253



33.4291, 0.3026, 0.3082

Rectangle

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



33.4291, 0.3351, 0.3320



33.4291, 0.3348, 0.3473



33.4291, 0.2908, 0.3253



33.4291, 0.2910, 0.3106

Sweetspot

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



33.4306, 0.3351, 0.3320



70.0814, 0.3192, 0.3299



33.4823, 0.3159, 0.3006



15.0489, 0.3204, 0.3301



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.



33.4306, 0.3351, 0.3320



58.1792, 0.3402, 0.3326



37.0969, 0.3331, 0.3473



8.1300, 0.3284, 0.3312



6.8385, 0.6314, 0.3369



0.2276, 0.5984, 0.3630

Inverse Universe

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



38.1878, 0.2935, 0.3260



68.3112, 0.2899, 0.3254



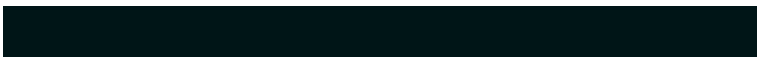
34.3063, 0.2931, 0.3100



8.9436, 0.2986, 0.3268



19.9772, 0.2167, 0.3002



0.5917, 0.2193, 0.3096

Previews

White Background



This preview shows how the Yxy color 33.4291, 0.3351, 0.3320 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 33.4291, 0.3351, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

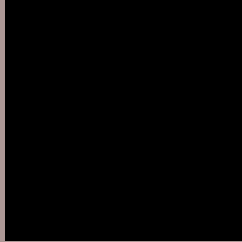
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4291, 0.3351, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 33.4291, 0.3351, 0.3320.



This preview shows how white text looks on a background with the Yxy color 33.4291, 0.3351, 0.3320.

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

33.4291, 0.3351, 0.3320

Protanopia

33.5175, 0.3204, 0.3350

Deuteranopia

33.3339, 0.3374, 0.3305



Tritanopia

33.4200, 0.3257, 0.3121

Trichromacy



Original Color

33.4291, 0.3351, 0.3320

Protanomaly

33.5696, 0.3254, 0.3349

Deuteranomaly

33.2195, 0.3363, 0.3305

Tritanomaly

33.4861, 0.3285, 0.3191

Monochromacy



Original Color

33.4291, 0.3351, 0.3320

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.9300, 0.3206, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4291, 0.3351, 0.3320 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(172, 152, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 152, 150)  
}
```

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(172, 152, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 152, 150) }
```

Border

The CSS property to change the border of an element to Yxy 33.4291, 0.3351, 0.3320 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(172, 152, 150) }
```

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

```
.border{ border-color:rgb(172, 152, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 152, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 152, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 152, 150); box-shadow:4px 4px 4px 4px rgb(172, 152, 150) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4291, 0.3351, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 152, 150) }
```

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

```
.background{ background-color: rgb(172,  
152, 150) }
```

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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