

Converting Colors

$Y_{xy}(24.9937, 0.3322, 0.3342)$

Have a look what the booklet for
Yxy(24.9937, 0.3322, 0.3342)
contains.

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Color

Yxy(24.9848, 0.3320, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	948683
RGB	148, 134, 131
RGB Percent	58%, 53%, 51%
CMY	0.4196, 0.4745, 0.4863
CMYK	0.00, 0.09, 0.11, 0.42
HSL	11°, 7%, 55%
HSV	11°, 11%, 58%
XYZ	24.8352, 24.9848, 24.9848
YIQ	137.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

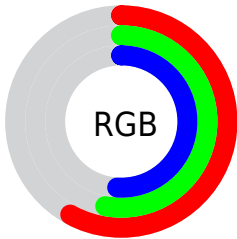
Format	Color
R_{YB}	148, 135, 131
Decimal	9733763
CIE Lab	57.06, 4.74, 3.52
CIE LCh	57, 5.904, 36.639
Yxy	24.9848, 0.3320, 0.3340
Android (android.graphics.Color)	4287923843 (0xFF948683)
YUV	137.8440, -3.3741, 8.9068
Hunter-Lab	49.9848, 1.2152, 5.3534

Details

The Yxy color **24.9848, 0.3320, 0.3340** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2147, 0.2956, 0.3239**, and the grayscale version is **25.3642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5579, 0.3277, 0.3327**, and **9.4912, 0.3386, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **21.4361, 0.3526, 0.3387**, and if you desaturate by 10%, it is **28.9813, 0.3150, 0.3296**.

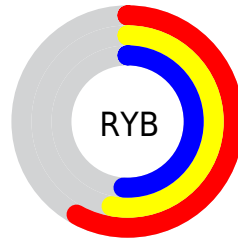
Distribution



Red (58%)

Green (53%)

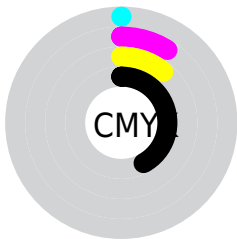
Blue (51%)



Red (58%)

Yellow (53%)

Blue (51%)

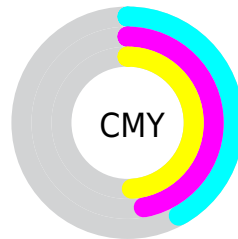


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (42%)



Cyan (42%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9848, 0.3320, 0.3340 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 24.9848, 0.3320, 0.3340 by changing the saturation by 10% instead.


 24.9848, 0.3320,
0.3340


 24.9848, 0.3320,
0.3340


277.7622, 0.3213,
0.3313


 16.0657, 0.3351,
0.3347


 51.6326, 0.3278,
0.3330

 9.5707, 0.3393,
0.3357


 70.1300, 0.3264,
0.3326

 5.1152, 0.3456,
0.3371

 92.5891, 0.3251,
0.3323

 2.3150, 0.3557,
0.3393

119.3942, 0.3241,
0.3320

 0.7817, 0.3825,
0.3482

150.9296, 0.3233,
0.3318

 0.0000, 0.0000,
0.0000

187.5799, 0.3225,

0.3316

229.7293, 0.3219,
0.3315

■ 24.9848, 0.3320,
0.3340

■ 24.9848, 0.3320,
0.3340

■ 21.4361, 0.3526,
0.3387

■ 28.9813, 0.3150,
0.3296

■ 18.3162, 0.3773,
0.3435

■ 33.4369, 0.3009,
0.3256

■ 15.6099, 0.4068,
0.3482

■ 38.3670, 0.2892,
0.3219

■ 13.2996, 0.4412,
0.3525

■ 43.7849, 0.2794,
0.3185

■ 11.3666, 0.4799,
0.3556

■ 49.7035, 0.2713,
0.3155

■ 9.7906, 0.5212,
0.3569

■ 56.1354, 0.2643,
0.3128

■ 8.5493, 0.5614,
0.3555

■ 63.0926, 0.2585,
0.3103

■ 7.6178, 0.5958,
0.3510

■ 70.5866, 0.2535,
0.3080

■ 7.0420, 0.6193,
0.3465

■ 78.0218, 0.2532,
0.3160

Harmonies

Analogous

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



24.9848, 0.3266, 0.3251



24.9848, 0.3320, 0.3340



24.9848, 0.3321, 0.3418

Triad

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



24.9848, 0.3320, 0.3340



24.9848, 0.3078, 0.3411



24.9848, 0.2985, 0.3120

Complementary

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



24.9848, 0.3320, 0.3340



27.2147, 0.2956, 0.3239

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.



24.9848, 0.2937, 0.3160



24.9848, 0.3320, 0.3340



24.9848, 0.2990, 0.3328

Square

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



24.9848, 0.3320, 0.3340



24.9848, 0.3180, 0.3461



24.9848, 0.2938, 0.3235



24.9848, 0.3072, 0.3126

Rectangle

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



24.9848, 0.3320, 0.3340



24.9848, 0.3292, 0.3452



24.9848, 0.2938, 0.3235



24.9848, 0.2964, 0.3129

Sweetspot

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



24.9859, 0.3320, 0.3340



49.9732, 0.3174, 0.3303



24.5779, 0.3170, 0.3061



11.2803, 0.3187, 0.3306



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.9859, 0.3320, 0.3340



42.2588, 0.3373, 0.3353



27.3815, 0.3304, 0.3475



5.9713, 0.3278, 0.3330



6.0446, 0.6184, 0.3472



0.1049, 0.5563, 0.3965

Inverse Universe

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



27.2147, 0.2956, 0.3239



47.0528, 0.2915, 0.3226



24.7601, 0.2953, 0.3098



6.3897, 0.2990, 0.3250



13.7196, 0.2092, 0.2730



0.2047, 0.2174, 0.3026

Previews

White Background



This preview shows how the Yxy color 24.9848, 0.3320, 0.3340 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 24.9848, 0.3320, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

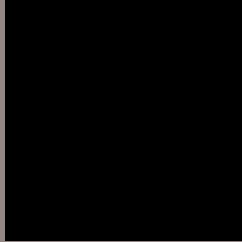
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

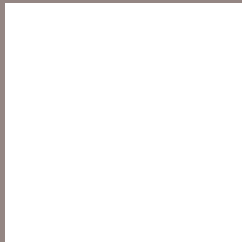
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9848, 0.3320, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 24.9848, 0.3320, 0.3340.



This preview shows how white text looks on a background with the Yxy color 24.9848, 0.3320, 0.3340.

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

24.9848, 0.3320, 0.3340

Protanopia

24.9370, 0.3225, 0.3358

Deuteranopia

24.8166, 0.3371, 0.3307



Tritanopia

24.9697, 0.3215, 0.3113

Trichromacy



Original Color

24.9848, 0.3320, 0.3340

Protanomaly

24.9232, 0.3261, 0.3340

Deuteranomaly

24.9931, 0.3357, 0.3323

Tritanomaly

25.0287, 0.3246, 0.3193

Monochromacy



Original Color

24.9848, 0.3320, 0.3340

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.3914, 0.3203, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9848, 0.3320, 0.3340 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(148, 134, 131)` looks like.

```
.text, #text, p{  
    color:rgb(148, 134, 131)  
}
```

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(148, 134, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 134, 131) }
```

Border

The CSS property to change the border of an element to Yxy 24.9848, 0.3320, 0.3340 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(148, 134, 131) }
```

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

```
.border{ border-color:rgb(148, 134, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 134, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 134, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 134, 131);  
box-shadow:4px 4px 4px 4px rgb(148, 134,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9848, 0.3320, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 134, 131) }
```

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

```
.background{ background-color: rgb(148,  
134, 131) }
```

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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