

Converting Colors

Yxy(32.4719, 0.3448, 0.3497)

Have a look what the booklet for
Yxy(32.4719, 0.3448, 0.3497)
contains.

Yxy(32.3744, 0.3452, 0.3498)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.3744, 0.3452, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	A99789
RGB	169, 151, 137
RGB Percent	66%, 59%, 54%
CMY	0.3371, 0.4079, 0.4628
CMYK	0.00, 0.11, 0.19, 0.34
HSL	26°, 16%, 60%
HSV	26°, 19%, 66%
XYZ	31.9487, 32.3744, 28.2281
YIQ	154.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

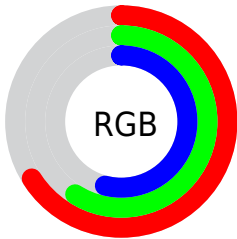
Format	Color
RYB	169, 162, 137
Decimal	11114377
CIELab	63.65, 4.33, 9.80
CIELCh	64, 10.714, 66.188
Yxy	32.3744, 0.3452, 0.3498
Android (android.graphics.Color)	4289304457 (0xFFA99789)
YUV	154.7860, -8.7685, 12.4657
Hunter-Lab	56.8985, 0.6558, 10.4144

Details

The Yxy color **32.3744, 0.3452, 0.3498** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6358, 0.2837, 0.3073**, and the grayscale version is **32.7152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2276, 0.3385, 0.3460**, and **13.5844, 0.3571, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **28.9879, 0.3661, 0.3615**, and if you desaturate by 10%, it is **36.0870, 0.3270, 0.3385**.

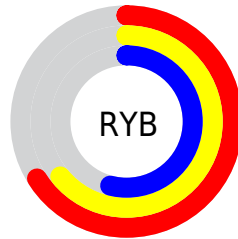
Distribution



Red (66%)

Green (59%)

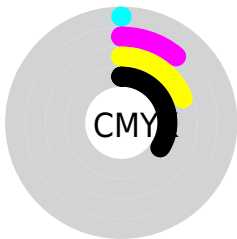
Blue (54%)



Red (66%)

Yellow (64%)

Blue (54%)

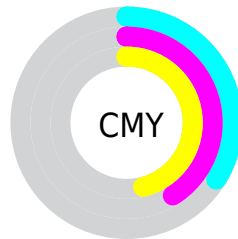


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (34%)



Cyan (34%)

Magenta (41%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3744, 0.3452, 0.3498 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 32.3744, 0.3452, 0.3498 by changing the saturation by 10% instead.


 32.3744, 0.3452,
0.3498


 32.3744, 0.3452,
0.3498


312.8212, 0.3279,
0.3389


 21.6476, 0.3499,
0.3527


 63.3976, 0.3386,
0.3457

 13.5982, 0.3562,
0.3564


 84.4628, 0.3363,
0.3442

 7.8418, 0.3650,
0.3616


 109.7429, 0.3343,
0.3430

 3.9939, 0.3782,
0.3692

139.6223, 0.3326,
0.3419

 1.6701, 0.4001,
0.3809

174.4855, 0.3312,
0.3410

 0.4042, 0.5479,
0.4521

214.7168, 0.3299,

 0.0000, 0.0000,

0.3402

0.0000

260.7006, 0.3289,
0.3395

■ 32.3744, 0.3452,
0.3498

■ 32.3744, 0.3452,
0.3498

■ 28.9879, 0.3661,
0.3615

■ 36.0870, 0.3270,
0.3385

■ 25.9139, 0.3899,
0.3732

■ 40.1304, 0.3112,
0.3279

■ 23.1440, 0.4163,
0.3843

■ 44.5145, 0.2975,
0.3180

■ 20.6677, 0.4451,
0.3939

■ 49.2474, 0.2857,
0.3089

■ 18.4740, 0.4750,
0.4009

■ 54.3372, 0.2756,
0.3006

■ 16.5508, 0.5047,
0.4040

■ 59.7914, 0.2667,
0.2929

■ 14.8847, 0.5319,
0.4022

■ 65.5972, 0.2592,
0.2863

■ 13.4566, 0.5555,
0.3958

■ 70.6634, 0.2606,
0.2974

■ 13.3192, 0.5580,
0.3951

■ 76.0173, 0.2621,
0.3084

Harmonies

Analogous

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



32.3744, 0.3449, 0.3368



32.3744, 0.3452, 0.3498



32.3744, 0.3366, 0.3577

Triad

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



32.3744, 0.3452, 0.3498



32.3744, 0.2901, 0.3354



32.3744, 0.3032, 0.3020

Complementary

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



32.3744, 0.3452, 0.3498



31.6358, 0.2837, 0.3073

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.



32.3744, 0.2890, 0.3010



32.3744, 0.3452, 0.3498



32.3744, 0.2816, 0.3198

Square

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



32.3744, 0.3452, 0.3498



32.3744, 0.3046, 0.3496



32.3744, 0.2812, 0.3073



32.3744, 0.3203, 0.3097

Rectangle

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



32.3744, 0.3452, 0.3498



32.3744, 0.3271, 0.3587



32.3744, 0.2812, 0.3073



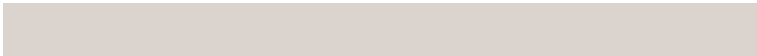
32.3744, 0.2979, 0.3008

Sweetspot

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



32.3759, 0.3452, 0.3498



66.6030, 0.3222, 0.3355



28.6989, 0.3292, 0.3024



14.4217, 0.3232, 0.3361



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.3759, 0.3452, 0.3498



55.1860, 0.3542, 0.3550



37.8439, 0.3411, 0.3722



8.0616, 0.3275, 0.3389



10.0257, 0.5563, 0.3965



0.3465, 0.5005, 0.4408

Inverse Universe

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



31.6358, 0.2837, 0.3073



53.5990, 0.2767, 0.3015



26.6855, 0.2822, 0.2818



7.9749, 0.2987, 0.3189



8.3617, 0.1839, 0.1819



0.3026, 0.1988, 0.2358

Previews

White Background



This preview shows how the Yxy color 32.3744, 0.3452, 0.3498 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 32.3744, 0.3452, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

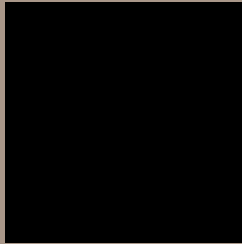
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3744, 0.3452, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 32.3744, 0.3452, 0.3498.



This preview shows how white text looks on a background with the Yxy color 32.3744, 0.3452, 0.3498.

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

32.3744, 0.3452, 0.3498

Protanopia

32.5232, 0.3350, 0.3533

Deuteranopia

32.4150, 0.3522, 0.3465



Tritanopia

32.4537, 0.3269, 0.3133

Trichromacy



Original Color

32.3744, 0.3452, 0.3498

Protanomaly

32.5100, 0.3384, 0.3516

Deuteranomaly

32.5031, 0.3497, 0.3481

Tritanomaly

32.3872, 0.3336, 0.3262

Monochromacy



Original Color

32.3744, 0.3452, 0.3498

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.7229, 0.3244, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3744, 0.3452, 0.3498 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(169, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(169, 151, 137)  
}
```

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(169, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 151, 137) }
```

Border

The CSS property to change the border of an element to Yxy 32.3744, 0.3452, 0.3498 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(169, 151, 137) }
```

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

```
.border{ border-color:rgb(169, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 151, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 151, 137); box-shadow:4px 4px 4px 4px rgb(169, 151, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3744, 0.3452, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 151, 137) }
```

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

```
.background{ background-color: rgb(169,  
151, 137) }
```

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