

Converting Colors

$Yxy(32.3117, 0.3469, 0.3504)$

Have a look what the booklet for
Yxy(32.3117, 0.3469, 0.3504)
contains.

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Color

Yxy(32.4568, 0.3472, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	AA9788
RGB	170, 151, 136
RGB Percent	67%, 59%, 53%
CMY	0.3334, 0.4078, 0.4666
CMYK	0.00, 0.11, 0.20, 0.33
HSL	26°, 17%, 60%
HSV	26°, 20%, 67%
XYZ	32.0871, 32.4568, 27.8729
YIQ	154.9710, 16.1390, -0.6370

Conversions

Conversions Part 2

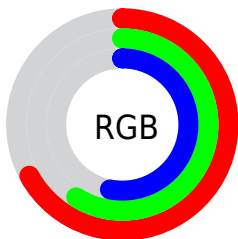
Format	Color
RYB	170, 163, 136
Decimal	11179912
CIELab	63.72, 4.54, 10.46
CIELCh	64, 11.397, 66.547
Yxy	32.4568, 0.3472, 0.3512
Android (android.graphics.Color)	4289369992 (0xFFAA9788)
YUV	154.9710, -9.3527, 13.1804
Hunter-Lab	56.9709, 0.8357, 10.8721

Details

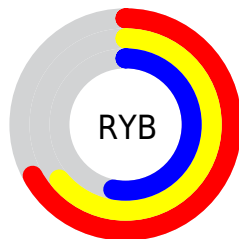
The Yxy color **32.4568, 0.3472, 0.3512** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5806, 0.2820, 0.3057**, and the grayscale version is **32.8023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5055, 0.3409, 0.3470**, and **13.5681, 0.3586, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **29.0771, 0.3684, 0.3630**, and if you desaturate by 10%, it is **36.1625, 0.3287, 0.3398**.

Distribution



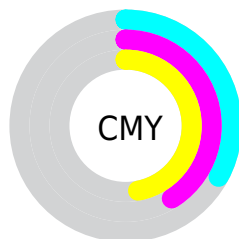
- Red (67%)
- Green (59%)
- Blue (53%)



- Red (67%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4568, 0.3472, 0.3512 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 32.4568, 0.3472, 0.3512 by changing the saturation by 10% instead.


 32.4568, 0.3472,
0.3512


 32.4568, 0.3472,
0.3512


313.1949, 0.3288,
0.3396


 21.7106, 0.3522,
0.3542


 63.5265, 0.3402,
0.3469

 13.6444, 0.3588,
0.3583


 84.6189, 0.3377,
0.3453

 7.8738, 0.3682,
0.3637

 109.9288, 0.3356,
0.3440

 4.0143, 0.3821,
0.3717

139.8406, 0.3338,
0.3428

 1.6816, 0.4052,
0.3841

174.7387, 0.3323,
0.3419

 0.4117, 0.5494,
0.4506

215.0075, 0.3310,

 0.0000, 0.0000,

0.3410

0.0000

261.0315, 0.3299,
0.3403

■ 32.4568, 0.3472,
0.3512

■ 32.4568, 0.3472,
0.3512

■ 29.0771, 0.3684,
0.3630

■ 36.1625, 0.3287,
0.3398

■ 26.0096, 0.3923,
0.3748

■ 40.1987, 0.3127,
0.3290

■ 23.2458, 0.4190,
0.3859

■ 44.5754, 0.2988,
0.3189

■ 20.7753, 0.4477,
0.3954

■ 49.3009, 0.2869,
0.3096

■ 18.5869, 0.4776,
0.4021

■ 54.3831, 0.2765,
0.3011

■ 16.6684, 0.5069,
0.4049

■ 59.8297, 0.2675,
0.2933

■ 15.0063, 0.5335,
0.4026

■ 65.6474, 0.2597,
0.2862

■ 13.5793, 0.5568,
0.3960

■ 70.7009, 0.2611,
0.2973

■ 13.5770, 0.5569,
0.3960

■ 76.0411, 0.2625,
0.3083

Harmonies

Analogous

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



32.4568, 0.3470, 0.3374



32.4568, 0.3472, 0.3512



32.4568, 0.3379, 0.3596

Triad

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



32.4568, 0.3472, 0.3512



32.4568, 0.2885, 0.3356



32.4568, 0.3028, 0.3004

Complementary

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



32.4568, 0.3472, 0.3512



31.5806, 0.2820, 0.3057

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.



32.4568, 0.2876, 0.2992



32.4568, 0.3472, 0.3512



32.4568, 0.2796, 0.3190

Square

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



32.4568, 0.3472, 0.3512



32.4568, 0.3039, 0.3508



32.4568, 0.2793, 0.3058



32.4568, 0.3209, 0.3086

Rectangle

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



32.4568, 0.3472, 0.3512



32.4568, 0.3278, 0.3606



32.4568, 0.2793, 0.3058



32.4568, 0.2972, 0.2991

Sweetspot

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



32.4583, 0.3472, 0.3512



68.3885, 0.3222, 0.3355



28.5341, 0.3302, 0.3009



15.1498, 0.3233, 0.3362



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.



32.4583, 0.3472, 0.3512



56.0981, 0.3563, 0.3564



38.2261, 0.3428, 0.3746



8.0667, 0.3275, 0.3390



10.0966, 0.5551, 0.3975



0.3483, 0.4997, 0.4414

Inverse Universe

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



31.5806, 0.2820, 0.3057



54.2094, 0.2750, 0.2999



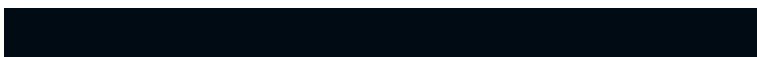
26.3962, 0.2804, 0.2789



7.9697, 0.2987, 0.3188



8.2672, 0.1835, 0.1805



0.3006, 0.1986, 0.2348

Previews

White Background



This preview shows how the Yxy color 32.4568, 0.3472, 0.3512 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 32.4568, 0.3472, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

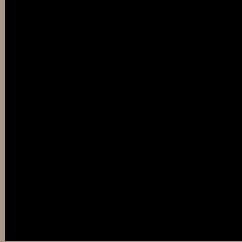
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4568, 0.3472, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 32.4568, 0.3472, 0.3512.



This preview shows how white text looks on a background with the Yxy color 32.4568, 0.3472, 0.3512.

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

32.4568, 0.3472, 0.3512

Protanopia

32.5232, 0.3350, 0.3533

Deuteranopia

32.5026, 0.3543, 0.3479



Tritanopia

32.5672, 0.3279, 0.3133

Trichromacy



Original Color

32.4568, 0.3472, 0.3512

Protanomaly

32.4811, 0.3394, 0.3531

Deuteranomaly

32.5889, 0.3518, 0.3495

Tritanomaly

32.4999, 0.3347, 0.3262

Monochromacy



Original Color

32.4568, 0.3472, 0.3512

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 32.4568, 0.3472, 0.3512 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, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 151, 136)  
}
```

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, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 151, 136) }
```

Border

The CSS property to change the border of an element to Yxy 32.4568, 0.3472, 0.3512 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, 151, 136) }
```

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

```
.border{ border-color:rgb(170, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 151,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4568, 0.3472, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 151, 136) }
```

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

```
.background{ background-color: rgb(170,  
151, 136) }
```

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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