

Converting Colors

$Yxy(32.6132, 0.3596, 0.3752)$

Have a look what the booklet for
Yxy(32.6132, 0.3596, 0.3752)
contains.

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Color

Yxy(32.6226, 0.3596, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	A9997A
RGB	169, 153, 122
RGB Percent	66%, 60%, 48%
CMY	0.3372, 0.4000, 0.5216
CMYK	0.00, 0.09, 0.28, 0.34
HSL	40°, 21%, 57%
HSV	40°, 28%, 66%
XYZ	31.2662, 32.6226, 23.0584
YIQ	154.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

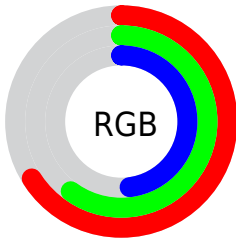
Format	Color
RYB	146, 169, 122
Decimal	11114874
CIELab	63.85, 0.96, 18.47
CIELCh	64, 18.492, 87.033
Yxy	32.6226, 0.3596, 0.3752
Android (android.graphics.Color)	4289304954 (0xFFA9997A)
YUV	154.2500, -15.8993, 12.9358
Hunter-Lab	57.1162, -2.2399, 16.0453

Details

The Yxy color **32.6226, 0.3596, 0.3752** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.1762, 0.2680, 0.2780**, and the grayscale version is **32.4957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7283, 0.3502, 0.3653**, and **13.6968, 0.3748, 0.3901** is the 20% darker color. If you saturate the color by 10%, you get **30.4032, 0.3792, 0.3923**, and if you desaturate by 10%, it is **35.0086, 0.3413, 0.3581**.

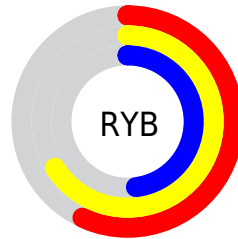
Distribution



Red (66%)

Green (60%)

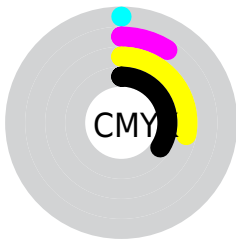
Blue (48%)



Red (57%)

Yellow (66%)

Blue (48%)

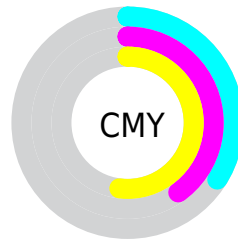


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (34%)



Cyan (34%)


Magenta (40%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6226, 0.3596, 0.3752 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 32.6226, 0.3596, 0.3752 by changing the saturation by 10% instead.


 32.6226, 0.3596,
0.3752


 32.6226, 0.3596,
0.3752


313.9457, 0.3348,
0.3509

 21.8375, 0.3662,
0.3816


 63.7859, 0.3503,
0.3661

 13.7375, 0.3749,
0.3901


 84.9328, 0.3469,
0.3628

 7.9383, 0.3868,
0.4016


 110.3025, 0.3440,
0.3600

 4.0555, 0.4040,
0.4180

140.2793, 0.3416,
0.3576

 1.7047, 0.4429,
0.4558

175.2476, 0.3396,
0.3556

 0.4267, 0.5013,
0.4987

215.5919, 0.3378,

 0.0000, 0.0000,

0.3538

0.0000

261.6964, 0.3362,
0.3523

■ 32.6226, 0.3596,
0.3752

■ 32.6226, 0.3596,
0.3752

■ 30.4032, 0.3792,
0.3923

■ 35.0086, 0.3413,
0.3581

■ 28.3409, 0.3998,
0.4086

■ 37.5614, 0.3247,
0.3415

■ 26.4318, 0.4209,
0.4233

■ 40.2872, 0.3096,
0.3256

■ 24.6701, 0.4415,
0.4353

■ 43.1900, 0.2960,
0.3108

■ 23.0491, 0.4607,
0.4435

■ 46.2740, 0.2839,
0.2970

■ 21.5617, 0.4775,
0.4471

■ 49.5432, 0.2732,
0.2842

■ 20.1964, 0.4915,
0.4460

■ 53.0013, 0.2636,
0.2726

■ 19.9108, 0.4945,
0.4455

■ 56.5098, 0.2563,
0.2641

■ 59.2071, 0.2572,
0.2710

Harmonies

Analogous

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



32.6226, 0.3705, 0.3575



32.6226, 0.3596, 0.3752



32.6226, 0.3361, 0.3809

Triad

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



32.6226, 0.3596, 0.3752



32.6226, 0.2629, 0.3204



32.6226, 0.3163, 0.2915

Complementary

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



32.6226, 0.3596, 0.3752



25.1762, 0.2680, 0.2780

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.



32.6226, 0.2878, 0.2817



32.6226, 0.3596, 0.3752



32.6226, 0.2581, 0.2968

Square

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



32.6226, 0.3596, 0.3752



32.6226, 0.2805, 0.3482



32.6226, 0.2669, 0.2832



32.6226, 0.3449, 0.3102

Rectangle

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



32.6226, 0.3596, 0.3752



32.6226, 0.3169, 0.3761



32.6226, 0.2669, 0.2832



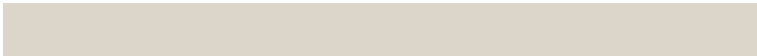
32.6226, 0.3063, 0.2871

Sweetspot

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



32.6241, 0.3596, 0.3752



67.1137, 0.3252, 0.3420



24.2005, 0.3512, 0.3042



14.4787, 0.3275, 0.3444



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.



32.6241, 0.3596, 0.3752



56.0941, 0.3708, 0.3851



37.4582, 0.3468, 0.3986



8.3374, 0.3270, 0.3439



14.9410, 0.4935, 0.4463



0.4526, 0.4637, 0.4700

Inverse Universe

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



25.1762, 0.2680, 0.2780



40.6647, 0.2580, 0.2655



21.4525, 0.2724, 0.2521



7.7024, 0.2986, 0.3137



4.4448, 0.1647, 0.1127



0.2027, 0.1837, 0.1815

Previews

White Background



This preview shows how the Yxy color 32.6226, 0.3596, 0.3752 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 32.6226, 0.3596, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

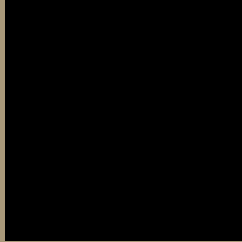
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6226, 0.3596, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 32.6226, 0.3596, 0.3752.



This preview shows how white text looks on a background with the Yxy color 32.6226, 0.3596, 0.3752.

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

32.6226, 0.3596, 0.3752

Protanopia

32.5406, 0.3539, 0.3758

Deuteranopia

32.7487, 0.3732, 0.3662



Tritanopia

32.5672, 0.3279, 0.3133

Trichromacy



Original Color

32.6226, 0.3596, 0.3752

Protanomaly

32.6483, 0.3550, 0.3756

Deuteranomaly

32.5899, 0.3685, 0.3682

Tritanomaly

32.6587, 0.3395, 0.3349

Monochromacy



Original Color

32.6226, 0.3596, 0.3752

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.4351, 0.3291, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6226, 0.3596, 0.3752 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, 153, 122)` looks like.

```
.text, #text, p{  
    color:rgb(169, 153, 122)  
}
```

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, 153, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 122) }
```

Border

The CSS property to change the border of an element to Yxy 32.6226, 0.3596, 0.3752 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, 153, 122) }
```

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

```
.border{ border-color:rgb(169, 153, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 153, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 122);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6226, 0.3596, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 153, 122) }
```

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

```
.background{ background-color: rgb(169,  
153, 122) }
```

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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