

Converting Colors

$Yxy(32.2394, 0.3645, 0.3752)$

Have a look what the booklet for
Yxy(32.2394, 0.3645, 0.3752)
contains.

Yxy(32.1472, 0.3646, 0.3750)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.1472, 0.3646, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	AB9778
RGB	171, 151, 120
RGB Percent	67%, 59%, 47%
CMY	0.3293, 0.4079, 0.5295
CMYK	0.00, 0.12, 0.30, 0.33
HSL	36°, 23%, 57%
HSV	36°, 30%, 67%
XYZ	31.2557, 32.1472, 22.3230
YIQ	153.4460, 21.8710, -5.4010

Conversions

Conversions Part 2

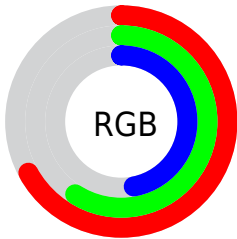
Format	Color
RYB	153, 171, 120
Decimal	11245432
CIELab	63.46, 2.60, 19.08
CIElCh	63, 19.253, 82.243
Yxy	32.1472, 0.3646, 0.3750
Android (android.graphics.Color)	4289435512 (0xFFAB9778)
YUV	153.4460, -16.4889, 15.3949
Hunter-Lab	56.6985, -0.8224, 16.3456

Details

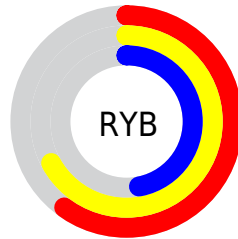
The Yxy color **32.1472, 0.3646, 0.3750** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.6971, 0.2650, 0.2781**, and the grayscale version is **32.1276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9721, 0.3546, 0.3663**, and **13.4208, 0.3822, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **29.6701, 0.3854, 0.3908**, and if you desaturate by 10%, it is **34.8245, 0.3454, 0.3591**.

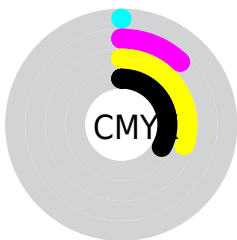
Distribution



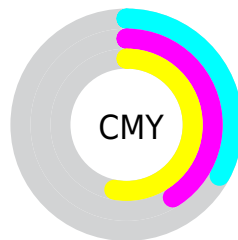
- Red (67%)
- Green (59%)
- Blue (47%)



- Red (60%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1472, 0.3646, 0.3750 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 32.1472, 0.3646, 0.3750 by changing the saturation by 10% instead.


 32.1472, 0.3646,
0.3750


 32.1472, 0.3646,
0.3750


311.7892, 0.3371,
0.3509

 21.4740, 0.3720,
0.3813


 63.0418, 0.3542,
0.3660

 13.4709, 0.3817,
0.3896


 84.0319, 0.3505,
0.3627

 7.7536, 0.3950,
0.4008


 109.2298, 0.3473,
0.3599

 3.9377, 0.4144,
0.4166

139.0198, 0.3446,
0.3576

 1.6388, 0.4619,
0.4573

173.7864, 0.3423,
0.3555

 0.3835, 0.5274,
0.4726

213.9139, 0.3404,

 0.0000, 0.0000,

0.3538

0.0000

259.7867, 0.3386,
0.3523

■ 32.1472, 0.3646,
0.3750

■ 32.1472, 0.3646,
0.3750

■ 29.6701, 0.3854,
0.3908

■ 34.8245, 0.3454,
0.3591

■ 27.3829, 0.4075,
0.4058

■ 37.7031, 0.3281,
0.3436

■ 25.2805, 0.4303,
0.4190

■ 40.7900, 0.3125,
0.3288

■ 23.3560, 0.4529,
0.4293

■ 44.0903, 0.2986,
0.3149

■ 21.6019, 0.4740,
0.4356

■ 47.6087, 0.2864,
0.3020

■ 20.0094, 0.4927,
0.4370

■ 51.3501, 0.2755,
0.2901

■ 18.5625, 0.5087,
0.4341

■ 55.3190, 0.2659,
0.2792

■ 18.5408, 0.5090,
0.4341

■ 59.4023, 0.2584,
0.2711

■ 62.6774, 0.2594,
0.2791

Harmonies

Analogous

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



32.1472, 0.3735, 0.3550



32.1472, 0.3646, 0.3750



32.1472, 0.3417, 0.3834

Triad

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



32.1472, 0.3646, 0.3750



32.1472, 0.2627, 0.3245



32.1472, 0.3114, 0.2875

Complementary

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



32.1472, 0.3646, 0.3750



25.6971, 0.2650, 0.2781

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.



32.1472, 0.2825, 0.2790



32.1472, 0.3646, 0.3750



32.1472, 0.2555, 0.2986

Square

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



32.1472, 0.3646, 0.3750



32.1472, 0.2830, 0.3536



32.1472, 0.2625, 0.2826



32.1472, 0.3420, 0.3058

Rectangle

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



32.1472, 0.3646, 0.3750



32.1472, 0.3220, 0.3802



32.1472, 0.2625, 0.2826



32.1472, 0.3012, 0.2835

Sweetspot

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



32.1487, 0.3646, 0.3750



67.8641, 0.3269, 0.3425



23.9971, 0.3518, 0.2985



14.9649, 0.3293, 0.3447



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.



32.1487, 0.3646, 0.3750



54.5021, 0.3786, 0.3858



38.5922, 0.3518, 0.4033



8.7943, 0.3272, 0.3428



14.0763, 0.5079, 0.4350



0.4941, 0.4747, 0.4613

Inverse Universe

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



25.6971, 0.2650, 0.2781



41.0308, 0.2534, 0.2644



20.7387, 0.2663, 0.2450



8.2537, 0.2986, 0.3149



5.3504, 0.1686, 0.1269



0.2572, 0.1861, 0.1900

Previews

White Background



This preview shows how the Yxy color 32.1472, 0.3646, 0.3750 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 32.1472, 0.3646, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

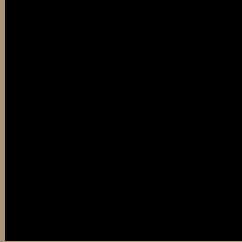
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1472, 0.3646, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 32.1472, 0.3646, 0.3750.



This preview shows how white text looks on a background with the Yxy color 32.1472, 0.3646, 0.3750.

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

32.1472, 0.3646, 0.3750

Protanopia

32.3842, 0.3548, 0.3790

Deuteranopia

32.2636, 0.3747, 0.3678



Tritanopia

32.1060, 0.3323, 0.3134

Trichromacy



Original Color

32.1472, 0.3646, 0.3750

Protanomaly

32.3784, 0.3584, 0.3770

Deuteranomaly

32.2225, 0.3709, 0.3697

Tritanomaly

32.1921, 0.3441, 0.3349

Monochromacy



Original Color

32.1472, 0.3646, 0.3750

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8531, 0.3314, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1472, 0.3646, 0.3750 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(171, 151, 120)` looks like.

```
.text, #text, p{  
    color:rgb(171, 151, 120)  
}
```

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(171, 151, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 151, 120) }
```

Border

The CSS property to change the border of an element to Yxy 32.1472, 0.3646, 0.3750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

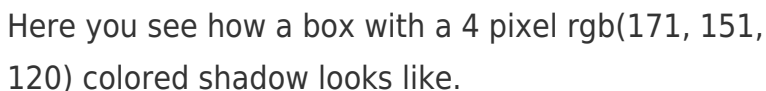
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 151, 120) }
```

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

```
.border{ border-color:rgb(171, 151, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 151, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 151, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 151, 120); box-shadow:4px 4px 4px 4px rgb(171, 151, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1472, 0.3646, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 151, 120) }
```

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

```
.background{ background-color: rgb(171,  
151, 120) }
```

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