

Converting Colors

$Yxy(32.0761, 0.3599, 0.3689)$

Have a look what the booklet for
Yxy(32.0761, 0.3599, 0.3689)
contains.

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Color

Yxy(32.1345, 0.3594, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	AA977C
RGB	170, 151, 124
RGB Percent	67%, 59%, 49%
CMY	0.3333, 0.4078, 0.5137
CMYK	0.00, 0.11, 0.27, 0.33
HSL	35°, 21%, 58%
HSV	35°, 27%, 67%
XYZ	31.2815, 32.1345, 23.6222
YIQ	153.6030, 19.9910, -4.3690

Conversions

Conversions Part 2

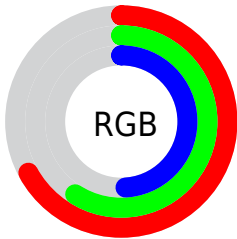
Format	Color
RYB	156, 170, 124
Decimal	11179900
CIELab	63.45, 2.74, 16.81
CIELCh	63, 17.035, 80.748
Yxy	32.1345, 0.3594, 0.3692
Android (android.graphics.Color)	4289369980 (0xFFAA977C)
YUV	153.6030, -14.5943, 14.3802
Hunter-Lab	56.6873, -0.7018, 14.9744

Details

The Yxy color **32.1345, 0.3594, 0.3692** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.8292, 0.2698, 0.2852**, and the grayscale version is **32.1909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0057, 0.3500, 0.3607**, and **13.4043, 0.3748, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **29.5498, 0.3801, 0.3846**, and if you desaturate by 10%, it is **34.9307, 0.3405, 0.3539**.

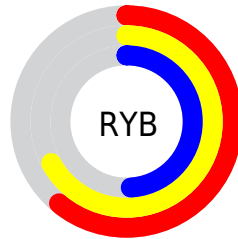
Distribution



Red (67%)

Green (59%)

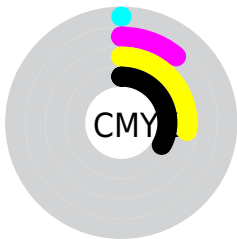
Blue (49%)



Red (61%)

Yellow (67%)

Blue (49%)

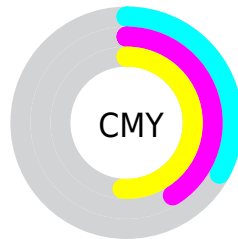


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (33%)



Cyan (33%)


Magenta (41%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1345, 0.3594, 0.3692 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 32.1345, 0.3594, 0.3692 by changing the saturation by 10% instead.


 32.1345, 0.3594,
0.3692

 32.1345, 0.3594,
0.3692


311.7315, 0.3346,
0.3481


 21.4643, 0.3661,
0.3748


 63.0219, 0.3500,
0.3613

 13.4638, 0.3749,
0.3821


 84.0078, 0.3466,
0.3584

 7.7487, 0.3871,
0.3920


 109.2011, 0.3438,
0.3560

 3.9346, 0.4051,
0.4062

138.9861, 0.3414,
0.3539

 1.6370, 0.4433,
0.4375

173.7473, 0.3393,
0.3522

 0.3824, 0.5295,
0.4705

213.8689, 0.3375,

 0.0000, 0.0000,

0.3506

0.0000

259.7356, 0.3360,
0.3493

■ 32.1345, 0.3594,
0.3692

■ 32.1345, 0.3594,
0.3692

■ 29.5498, 0.3801,
0.3846

■ 34.9307, 0.3405,
0.3539

■ 27.1663, 0.4024,
0.3995

■ 37.9400, 0.3236,
0.3390

■ 24.9787, 0.4257,
0.4129

■ 41.1692, 0.3085,
0.3250

■ 22.9801, 0.4492,
0.4237

■ 44.6236, 0.2951,
0.3118

■ 21.1629, 0.4718,
0.4308

■ 48.3083, 0.2833,
0.2997

■ 19.5184, 0.4923,
0.4332

■ 52.2282, 0.2728,
0.2885

■ 18.0350, 0.5097,
0.4307

■ 56.3879, 0.2637,
0.2782

■ 17.6237, 0.5147,
0.4296

■ 60.4660, 0.2581,
0.2740

■ 63.9462, 0.2592,
0.2823

Harmonies

Analogous

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



32.1345, 0.3664, 0.3513



32.1345, 0.3594, 0.3692



32.1345, 0.3397, 0.3770

Triad

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



32.1345, 0.3594, 0.3692



32.1345, 0.2690, 0.3265



32.1345, 0.3103, 0.2914

Complementary

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



32.1345, 0.3594, 0.3692



26.8292, 0.2698, 0.2852

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.



32.1345, 0.2849, 0.2844



32.1345, 0.3594, 0.3692



32.1345, 0.2618, 0.3032

Square

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



32.1345, 0.3594, 0.3692



32.1345, 0.2876, 0.3519



32.1345, 0.2675, 0.2883



32.1345, 0.3374, 0.3074

Rectangle

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



32.1345, 0.3594, 0.3692



32.1345, 0.3224, 0.3745



32.1345, 0.2675, 0.2883



32.1345, 0.3012, 0.2880

Sweetspot

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



32.1360, 0.3594, 0.3692



68.2285, 0.3253, 0.3406



24.9491, 0.3462, 0.3004



15.0312, 0.3277, 0.3428



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.



32.1360, 0.3594, 0.3692



55.6725, 0.3706, 0.3778



38.3279, 0.3489, 0.3960



8.2467, 0.3272, 0.3422



13.0767, 0.5133, 0.4306



0.4154, 0.4750, 0.4611

Inverse Universe

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



26.8292, 0.2698, 0.2852



44.5420, 0.2606, 0.2747



21.8936, 0.2706, 0.2538



7.7903, 0.2986, 0.3154



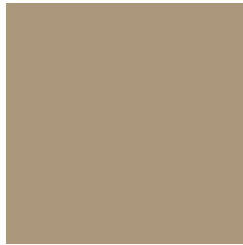
5.4791, 0.1703, 0.1331



0.2348, 0.1891, 0.2006

Previews

White Background



This preview shows how the Yxy color 32.1345, 0.3594, 0.3692 looks on a white background.

Color Contrast Check

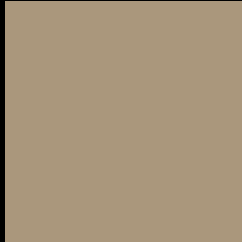
Large Text (above 18pt) WCAG AA × Fail

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 32.1345, 0.3594, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

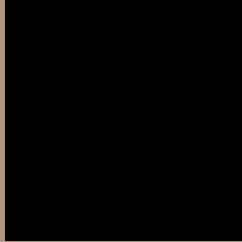
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1345, 0.3594, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 32.1345, 0.3594, 0.3692.



This preview shows how white text looks on a background with the Yxy color 32.1345, 0.3594, 0.3692.

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

32.1345, 0.3594, 0.3692

Protanopia

32.0497, 0.3501, 0.3716

Deuteranopia

32.2442, 0.3694, 0.3622



Tritanopia

32.0251, 0.3302, 0.3119

Trichromacy



Original Color

32.1345, 0.3594, 0.3692

Protanomaly

32.0441, 0.3537, 0.3697

Deuteranomaly

32.2057, 0.3657, 0.3640

Tritanomaly

32.1394, 0.3410, 0.3320

Monochromacy



Original Color

32.1345, 0.3594, 0.3692

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.2392, 0.3293, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1345, 0.3594, 0.3692 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(170, 151, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 151, 124) }
```

Border

The CSS property to change the border of an element to Yxy 32.1345, 0.3594, 0.3692 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, 124) }
```

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

```
.border{ border-color:rgb(170, 151, 124) }
```

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, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 151, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 151, 124);  
box-shadow:4px 4px 4px 4px rgb(170, 151,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1345, 0.3594, 0.3692 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, 124) }
```

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

```
.background{ background-color: rgb(170,  
151, 124) }
```

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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