

Converting Colors

$Yxy(32.9193, 0.3452, 0.3613)$

Have a look what the booklet for
Yxy(32.9193, 0.3452, 0.3613)
contains.

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Color

Yxy(32.9116, 0.3451, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	A69A85
RGB	166, 154, 133
RGB Percent	65%, 60%, 52%
CMY	0.3491, 0.3961, 0.4783
CMYK	0.00, 0.07, 0.20, 0.35
HSL	38°, 16%, 59%
HSV	38°, 20%, 65%
XYZ	31.5144, 32.9116, 26.8936
YIQ	155.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

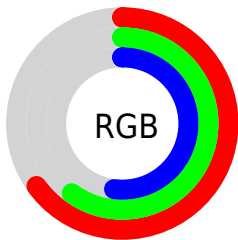
Format	Color
RYB	152, 166, 133
Decimal	10918533
CIELab	64.09, 0.85, 12.60
CIElCh	64, 12.629, 86.119
Yxy	32.9116, 0.3451, 0.3604
Android (android.graphics.Color)	4289108613 (0xFFA69A85)
YUV	155.1940, -10.9416, 9.4769
Hunter-Lab	57.3686, -2.3394, 12.3637

Details

The Yxy color **32.9116, 0.3451, 0.3604** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.9962, 0.2817, 0.2955**, and the grayscale version is **32.9143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0291, 0.3386, 0.3540**, and **13.9024, 0.3568, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **30.5477, 0.3639, 0.3770**, and if you desaturate by 10%, it is **35.4511, 0.3280, 0.3442**.

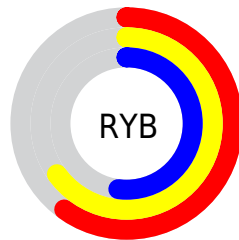
Distribution



Red (65%)

Green (60%)

Blue (52%)



Red (60%)

Yellow (65%)

Blue (52%)

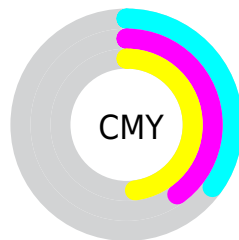


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (35%)



Cyan (35%)


Magenta (40%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9116, 0.3451, 0.3604 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 32.9116, 0.3451, 0.3604 by changing the saturation by 10% instead.


 32.9116, 0.3451,
0.3604

 32.9116, 0.3451,
0.3604


315.2512, 0.3280,
0.3439


 22.0587, 0.3497,
0.3648


 64.2375, 0.3386,
0.3542

 13.9001, 0.3558,
0.3707


 85.4793, 0.3363,
0.3519

 8.0512, 0.3643,
0.3788


 110.9529, 0.3343,
0.3500

 4.1277, 0.3768,
0.3906

141.0426, 0.3327,
0.3484

 1.7453, 0.3977,
0.4102

176.1330, 0.3312,
0.3470

 0.4527, 0.4991,
0.5009

216.6082, 0.3300,

 0.0000, 0.0000,

0.3458

0.0000

262.8528, 0.3289,
0.3448

■ 32.9116, 0.3451,
0.3604

■ 32.9116, 0.3451,
0.3604

■ 30.5477, 0.3639,
0.3770

■ 35.4511, 0.3280,
0.3442

■ 28.3502, 0.3841,
0.3934

■ 38.1663, 0.3125,
0.3288

■ 26.3152, 0.4054,
0.4090

■ 41.0631, 0.2987,
0.3143

■ 24.4374, 0.4272,
0.4228

■ 44.1458, 0.2864,
0.3008

■ 22.7107, 0.4485,
0.4337

■ 47.4183, 0.2754,
0.2883

■ 21.1285, 0.4683,
0.4406

■ 50.8844, 0.2657,
0.2769

■ 19.6831, 0.4856,
0.4427

■ 54.5481, 0.2571,
0.2664

■ 18.3598, 0.5005,
0.4407

■ 57.6961, 0.2550,
0.2677

■ 18.3409, 0.5007,
0.4406

■ 60.5883, 0.2560,
0.2750

Harmonies

Analogous

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



32.9116, 0.3520, 0.3486



32.9116, 0.3451, 0.3604



32.9116, 0.3295, 0.3640

Triad

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



32.9116, 0.3451, 0.3604



32.9116, 0.2787, 0.3241



32.9116, 0.3147, 0.3027

Complementary

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



32.9116, 0.3451, 0.3604



27.9962, 0.2817, 0.2955

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.



32.9116, 0.2953, 0.2961



32.9116, 0.3451, 0.3604



32.9116, 0.2750, 0.3077

Square

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



32.9116, 0.3451, 0.3604



32.9116, 0.2913, 0.3426



32.9116, 0.2809, 0.2978



32.9116, 0.3341, 0.3157

Rectangle

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



32.9116, 0.3451, 0.3604



32.9116, 0.3165, 0.3608



32.9116, 0.2809, 0.2978



32.9116, 0.3080, 0.2997

Sweetspot

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



32.9131, 0.3451, 0.3604



66.1591, 0.3220, 0.3383



26.9375, 0.3373, 0.3108



14.7376, 0.3230, 0.3393



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.



32.9131, 0.3451, 0.3604



57.7354, 0.3535, 0.3680



36.5998, 0.3376, 0.3780



8.3083, 0.3271, 0.3433



14.3164, 0.4998, 0.4414



0.4404, 0.4672, 0.4672

Inverse Universe

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



27.9962, 0.2817, 0.2955



47.0987, 0.2740, 0.2866



24.8914, 0.2849, 0.2763



7.7304, 0.2986, 0.3142



4.7513, 0.1664, 0.1190



0.2129, 0.1855, 0.1878

Previews

White Background



This preview shows how the Yxy color 32.9116, 0.3451, 0.3604 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 32.9116, 0.3451, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

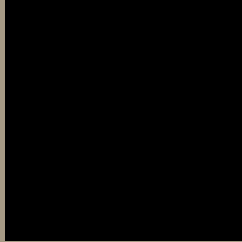
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

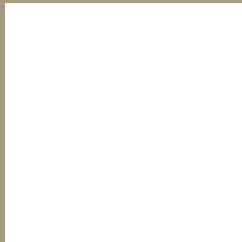
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.9116, 0.3451, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 32.9116, 0.3451, 0.3604.



This preview shows how white text looks on a background with the Yxy color 32.9116, 0.3451, 0.3604.

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

32.9116, 0.3451, 0.3604

Protanopia

32.9227, 0.3417, 0.3622

Deuteranopia

32.9989, 0.3582, 0.3521



Tritanopia

32.9674, 0.3216, 0.3118

Trichromacy



Original Color

32.9116, 0.3451, 0.3604

Protanomaly

33.0287, 0.3428, 0.3621

Deuteranomaly

32.8531, 0.3536, 0.3539

Tritanomaly

32.8026, 0.3312, 0.3291

Monochromacy



Original Color

32.9116, 0.3451, 0.3604

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.9202, 0.3242, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9116, 0.3451, 0.3604 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(166, 154, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 133)  
}
```

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(166, 154, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 133) }
```

Border

The CSS property to change the border of an element to Yxy 32.9116, 0.3451, 0.3604 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(166, 154, 133) }
```

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

```
.border{ border-color:rgb(166, 154, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 154, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9116, 0.3451, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 133) }
```

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

```
.background{ background-color: rgb(166,  
154, 133) }
```

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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