

Converting Colors

$Yxy(32.6972, 0.3430, 0.3607)$

Have a look what the booklet for
Yxy(32.6972, 0.3430, 0.3607)
contains.

Yxy(32.6972, 0.3430, 0.3607)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.6972, 0.3430, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	A49A85
RGB	164, 154, 133
RGB Percent	64%, 60%, 52%
CMY	0.3570, 0.3960, 0.4785
CMYK	0.00, 0.06, 0.19, 0.36
HSL	41°, 15%, 58%
HSV	41°, 19%, 64%
XYZ	31.0927, 32.6972, 26.8594
YIQ	154.5960, 12.7010, -4.4110

Conversions

Conversions Part 2

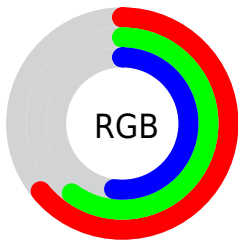
Format	Color
RYB	148, 164, 133
Decimal	10787461
CIELab	63.91, 0.06, 12.35
CIElCh	64, 12.352, 89.743
Yxy	32.6972, 0.3430, 0.3607
Android (android.graphics.Color)	4288977541 (0xFFA49A85)
YUV	154.5960, -10.6468, 8.2473
Hunter-Lab	57.1815, -3.0073, 12.1772

Details

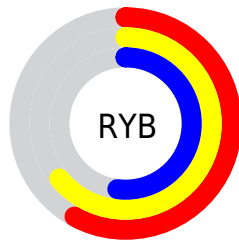
The Yxy color **32.6972, 0.3430, 0.3607** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.2908, 0.2832, 0.2951**, and the grayscale version is **32.6328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7170, 0.3370, 0.3542**, and **13.7698, 0.3537, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **30.5800, 0.3611, 0.3782**, and if you desaturate by 10%, it is **34.9643, 0.3263, 0.3436**.

Distribution



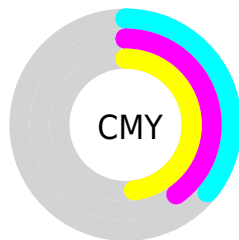
- Red (64%)
- Green (60%)
- Blue (52%)



- Red (58%)
- Yellow (64%)
- Blue (52%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (36%)




- Cyan (36%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6972, 0.3430, 0.3607 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 32.6972, 0.3430, 0.3607 by changing the saturation by 10% instead.


 32.6972, 0.3430,
0.3607

 32.6972, 0.3430,
0.3607


314.2831, 0.3270,
0.3439

 21.8946, 0.3473,
0.3652


 63.9025, 0.3370,
0.3544

 13.7795, 0.3530,
0.3712


 85.0740, 0.3348,
0.3521

 7.9674, 0.3610,
0.3795


 110.4705, 0.3329,
0.3502

 4.0741, 0.3727,
0.3917

140.4765, 0.3314,
0.3485

 1.7151, 0.3923,
0.4122

175.4764, 0.3300,
0.3471

 0.4334, 0.4881,
0.5119

215.8545, 0.3289,

 0.0000, 0.0000,

0.3459

0.0000

261.9953, 0.3279,
0.3449

■ 32.6972, 0.3430,
0.3607

■ 32.6972, 0.3430,
0.3607

■ 30.5800, 0.3611,
0.3782

■ 34.9643, 0.3263,
0.3436

■ 28.6041, 0.3805,
0.3957

■ 37.3810, 0.3111,
0.3272

■ 26.7664, 0.4007,
0.4123

■ 39.9524, 0.2974,
0.3119

■ 25.0621, 0.4211,
0.4271

■ 42.6824, 0.2852,
0.2975

■ 23.4859, 0.4408,
0.4391

■ 45.5742, 0.2742,
0.2843

■ 22.0319, 0.4590,
0.4472

■ 48.6313, 0.2645,
0.2722

■ 20.6934, 0.4747,
0.4507

■ 51.8570, 0.2558,
0.2611

■ 19.4583, 0.4877,
0.4499

■ 54.6501, 0.2528,
0.2601

■ 19.3257, 0.4892,
0.4498

■ 57.0694, 0.2537,
0.2665

Harmonies

Analogous

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



32.6972, 0.3509, 0.3499



32.6972, 0.3430, 0.3607



32.6972, 0.3270, 0.3630

Triad

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



32.6972, 0.3430, 0.3607



32.6972, 0.2784, 0.3221



32.6972, 0.3171, 0.3044

Complementary

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



32.6972, 0.3430, 0.3607



27.2908, 0.2832, 0.2951

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.



32.6972, 0.2978, 0.2971



32.6972, 0.3430, 0.3607



32.6972, 0.2759, 0.3066

Square

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



32.6972, 0.3430, 0.3607



32.6972, 0.2898, 0.3402



32.6972, 0.2828, 0.2977



32.6972, 0.3357, 0.3178

Rectangle

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



32.6972, 0.3430, 0.3607



32.6972, 0.3140, 0.3591



32.6972, 0.2828, 0.2977



32.6972, 0.3104, 0.3012

Sweetspot

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



32.6987, 0.3430, 0.3607



64.6890, 0.3219, 0.3390



26.6541, 0.3370, 0.3133



14.0851, 0.3229, 0.3400



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.6987, 0.3430, 0.3607



57.6027, 0.3511, 0.3687



35.5811, 0.3353, 0.3756



7.8519, 0.3269, 0.3442



14.9142, 0.4884, 0.4504



0.3930, 0.4582, 0.4744

Inverse Universe

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



27.2908, 0.2832, 0.2951



45.8052, 0.2755, 0.2859



24.8682, 0.2875, 0.2794



7.2140, 0.2987, 0.3133



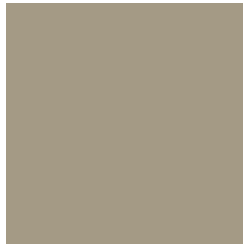
4.0621, 0.1634, 0.1081



0.1676, 0.1836, 0.1808

Previews

White Background



This preview shows how the Yxy color 32.6972, 0.3430, 0.3607 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 32.6972, 0.3430, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

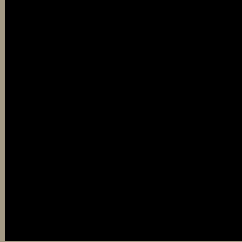
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

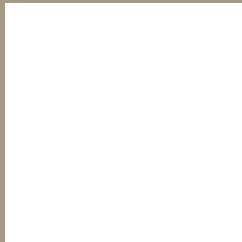
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6972, 0.3430, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 32.6972, 0.3430, 0.3607.



This preview shows how white text looks on a background with the Yxy color 32.6972, 0.3430, 0.3607.

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

32.6972, 0.3430, 0.3607

Protanopia

32.5912, 0.3420, 0.3608

Deuteranopia

32.5632, 0.3574, 0.3508



Tritanopia

32.7462, 0.3196, 0.3117

Trichromacy



Original Color

32.6972, 0.3430, 0.3607

Protanomaly

32.5912, 0.3420, 0.3608

Deuteranomaly

32.6251, 0.3514, 0.3540

Tritanomaly

32.5831, 0.3291, 0.3291

Monochromacy



Original Color

32.6972, 0.3430, 0.3607

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.8184, 0.3231, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6972, 0.3430, 0.3607 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(164, 154, 133)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 154, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 154, 133) }
```

Border

The CSS property to change the border of an element to Yxy 32.6972, 0.3430, 0.3607 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(164, 154, 133) }
```

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

```
.border{ border-color:rgb(164, 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(164, 154, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 154, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 154, 133); box-shadow:4px 4px 4px 4px rgb(164, 154, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6972, 0.3430, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 154, 133) }
```

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

```
.background{ background-color: rgb(164,  
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](#).

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