

Converting Colors

$Yxy(32.8976, 0.3753, 0.4030)$

Have a look what the booklet for
Yxy(32.8976, 0.3753, 0.4030)
contains.

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Color

Yxy(32.8976, 0.3753, 0.4030)

Conversions

Conversions Part 1

Format	Color
Hex	A99B69
RGB	169, 155, 105
RGB Percent	66%, 61%, 41%
CMY	0.3372, 0.3922, 0.5883
CMYK	0.00, 0.08, 0.38, 0.34
HSL	47°, 27%, 54%
HSV	47°, 38%, 66%
XYZ	30.6364, 32.8976, 18.0978
YIQ	153.4860, 24.3940, -12.5820

Conversions

Conversions Part 2

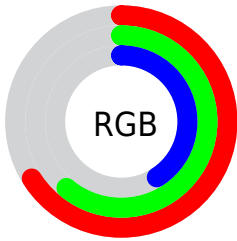
Format	Color
RYB	123, 169, 105
Decimal	11115369
CIELab	64.08, -2.34, 28.10
CIElCh	64, 28.198, 94.761
Yxy	32.8976, 0.3753, 0.4030
Android (android.graphics.Color)	4289305449 (0xFFA99B69)
YUV	153.4860, -23.9036, 13.6058
Hunter-Lab	57.3564, -5.0296, 21.4416

Details

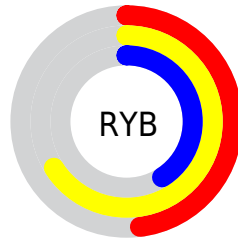
The Yxy color **32.8976, 0.3753, 0.4030** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0661, 0.2484, 0.2418**, and the grayscale version is **32.1781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0428, 0.3631, 0.3879**, and **13.9090, 0.3945, 0.4257** is the 20% darker color. If you saturate the color by 10%, you get **31.3720, 0.3932, 0.4218**, and if you desaturate by 10%, it is **34.5331, 0.3576, 0.3833**.

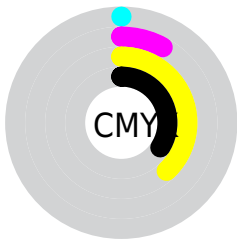
Distribution



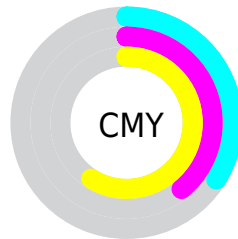
- Red (66%)
- Green (61%)
- Blue (41%)



- Red (48%)
- Yellow (66%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (34%)



- Cyan (34%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8976, 0.3753, 0.4030 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 32.8976, 0.3753, 0.4030 by changing the saturation by 10% instead.


 32.8976, 0.3753,
0.4030


 32.8976, 0.3753,
0.4030


315.1881, 0.3428,
0.3641


 22.0480, 0.3836,
0.4131


 64.2156, 0.3633,
0.3885

 13.8922, 0.3942,
0.4262


 85.4529, 0.3588,
0.3832

 8.0457, 0.4081,
0.4436

 110.9214, 0.3551,
0.3787

 4.1242, 0.4264,
0.4673

 141.0057, 0.3519,
0.3749

 1.7433, 0.4737,
0.5263

176.0901, 0.3491,
0.3716

 0.4514, 0.4517,
0.5483

216.5591, 0.3468,

 0.0000, 0.0000,

0.3688

0.0000

262.7969, 0.3447,
0.3663

■ 32.8976, 0.3753,
0.4030

■ 32.8976, 0.3753,
0.4030

■ 31.3720, 0.3932,
0.4218

■ 34.5331, 0.3576,
0.3833

■ 29.9473, 0.4106,
0.4386

■ 36.2780, 0.3406,
0.3634

■ 28.6202, 0.4269,
0.4525


■ 38.1377, 0.3245,
0.3438


■ 27.3851, 0.4412,
0.4627


■ 40.1158, 0.3097,
0.3251


■ 26.2357, 0.4529,
0.4683

■ 42.2157, 0.2960,
0.3075


 25.1617, 0.4620,
0.4698

 44.4406, 0.2837,
0.2910

 24.9403, 0.4638,
0.4699

 46.7936, 0.2725,
0.2758

 49.2777, 0.2625,
0.2619

 51.7588, 0.2546,
0.2512

Harmonies

Analogous

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



32.8976, 0.3985, 0.3783



32.8976, 0.3753, 0.4030



32.8976, 0.3360, 0.4079

Triad

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



32.8976, 0.3753, 0.4030



32.8976, 0.2348, 0.3042



32.8976, 0.3292, 0.2796

Complementary

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



32.8976, 0.3753, 0.4030



19.0661, 0.2484, 0.2418

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.



32.8976, 0.2850, 0.2615



32.8976, 0.3753, 0.4030



32.8976, 0.2332, 0.2728

Square

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



32.8976, 0.3753, 0.4030



32.8976, 0.2556, 0.3470



32.8976, 0.2508, 0.2585



32.8976, 0.3714, 0.3090

Rectangle

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



32.8976, 0.3753, 0.4030



32.8976, 0.3066, 0.3968



32.8976, 0.2508, 0.2585



32.8976, 0.3140, 0.2721

Sweetspot

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



32.8991, 0.3753, 0.4030



67.1563, 0.3297, 0.3502



19.8938, 0.3817, 0.3062



14.5432, 0.3318, 0.3527



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.



32.8991, 0.3753, 0.4030



56.7223, 0.3895, 0.4180



36.0740, 0.3512, 0.4268



8.4909, 0.3267, 0.3465



18.6638, 0.4633, 0.4704



0.5215, 0.4463, 0.4839

Inverse Universe

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



19.0661, 0.2484, 0.2418



28.5818, 0.2334, 0.2197



17.1099, 0.2625, 0.2218



7.5571, 0.2986, 0.3108



3.1893, 0.1571, 0.0854



0.1489, 0.1736, 0.1450

Previews

White Background



This preview shows how the Yxy color 32.8976, 0.3753, 0.4030 looks on a white background.

Color Contrast Check

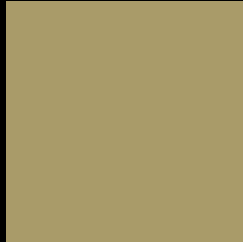
Large Text (above 18pt) WCAG AA × Fail

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 32.8976, 0.3753, 0.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

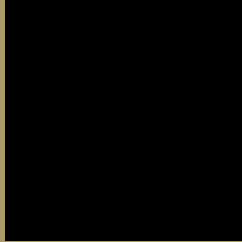
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8976, 0.3753, 0.4030

Background



This preview shows how black text looks on a background with the Yxy color 32.8976, 0.3753, 0.4030.



This preview shows how white text looks on a background with the Yxy color 32.8976, 0.3753, 0.4030.

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

32.8976, 0.3753, 0.4030

Protanopia

32.7874, 0.3742, 0.4033

Deuteranopia

32.9746, 0.3962, 0.3888



Tritanopia

32.8318, 0.3290, 0.3120

Trichromacy



Original Color

32.8976, 0.3753, 0.4030

Protanomaly

32.7874, 0.3742, 0.4033

Deuteranomaly

32.8771, 0.3885, 0.3931

Tritanomaly

32.9109, 0.3464, 0.3451

Monochromacy



Original Color

32.8976, 0.3753, 0.4030

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.2597, 0.3349, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8976, 0.3753, 0.4030 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, 155, 105)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 105)  
}
```

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, 155, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 105) }
```

Border

The CSS property to change the border of an element to Yxy 32.8976, 0.3753, 0.4030 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, 155, 105) }
```

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

```
.border{ border-color:rgb(169, 155, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 105);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8976, 0.3753, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 105) }
```

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

```
.background{ background-color: rgb(169,  
155, 105) }
```

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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