

Converting Colors

$Yxy(32.9095, 0.3573, 0.3864)$

Have a look what the booklet for
Yxy(32.9095, 0.3573, 0.3864)
contains.

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Color

Yxy(32.9775, 0.3570, 0.3864)

Conversions

Conversions Part 1

Format	Color
Hex	A49C76
RGB	164, 156, 118
RGB Percent	64%, 61%, 46%
CMY	0.3569, 0.3882, 0.5372
CMYK	0.00, 0.05, 0.28, 0.36
HSL	50°, 20%, 55%
HSV	50°, 28%, 64%
XYZ	30.4683, 32.9775, 21.8997
YIQ	154.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

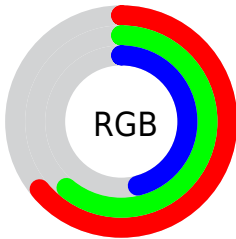
Format	Color
RYB	128, 164, 118
Decimal	10787958
CIELab	64.14, -3.25, 21.00
CIELCh	64, 21.246, 98.793
Yxy	32.9775, 0.3570, 0.3864
Android (android.graphics.Color)	4288978038 (0xFFA49C76)
YUV	154.0600, -17.7776, 8.7174
Hunter-Lab	57.4260, -5.7894, 17.5877

Details

The Yxy color **32.9775, 0.3570, 0.3864** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.4535, 0.2664, 0.2642**, and the grayscale version is **32.4173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0555, 0.3484, 0.3750**, and **13.9776, 0.3719, 0.4059** is the 20% darker color. If you saturate the color by 10%, you get **31.6768, 0.3740, 0.4070**, and if you desaturate by 10%, it is **34.3715, 0.3405, 0.3655**.

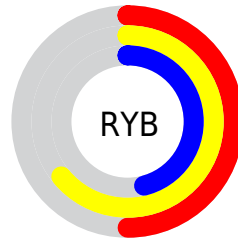
Distribution



Red (64%)

Green (61%)

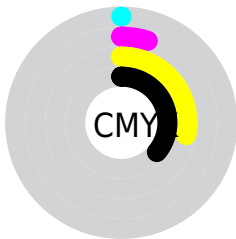
Blue (46%)



Red (50%)

Yellow (64%)

Blue (46%)

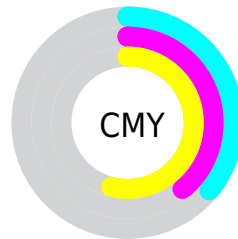


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (36%)



Cyan (36%)


Magenta (39%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9775, 0.3570, 0.3864 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 32.9775, 0.3570, 0.3864 by changing the saturation by 10% instead.

 32.9775, 0.3570,
0.3864


 32.9775, 0.3570,
0.3864


315.5483, 0.3339,
0.3560


 22.1092, 0.3630,
0.3945

 64.3404, 0.3484,
0.3749

 13.9372, 0.3709,
0.4053


 85.6038, 0.3452,
0.3708

 8.0770, 0.3815,
0.4200


 111.1010, 0.3425,
0.3673

 4.1442, 0.3963,
0.4413

141.2165, 0.3403,
0.3643

 1.7546, 0.4370,
0.4960

176.3345, 0.3383,
0.3618

 0.4586, 0.4374,
0.5626

216.8396, 0.3366,

 0.0000, 0.0000,

0.3596

0.0000

263.1161, 0.3352,
0.3577

■ 32.9775, 0.3570,
0.3864

■ 32.9775, 0.3570,
0.3864

■ 31.6768, 0.3740,
0.4070

■ 34.3715, 0.3405,
0.3655

■ 30.4612, 0.3908,
0.4265

■ 35.8576, 0.3247,
0.3450

■ 29.3282, 0.4070,
0.4440

■ 37.4405, 0.3099,
0.3252

■ 28.2734, 0.4217,
0.4585

■ 39.1234, 0.2963,
0.3065

■ 27.2919, 0.4344,
0.4692

■ 40.9089, 0.2838,
0.2891

■ 26.3780, 0.4444,
0.4756

■ 42.7999, 0.2725,
0.2730

■ 25.5219, 0.4520,
0.4779

■ 44.7990, 0.2623,
0.2582

■ 25.3583, 0.4534,
0.4782

■ 46.9087, 0.2531,
0.2447

■ 48.4294, 0.2504,
0.2424

Harmonies

Analogous

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



32.9775, 0.3761, 0.3704



32.9775, 0.3570, 0.3864



32.9775, 0.3265, 0.3865

Triad

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



32.9775, 0.3570, 0.3864



32.9775, 0.2520, 0.3072



32.9775, 0.3300, 0.2937

Complementary

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



32.9775, 0.3570, 0.3864



21.4535, 0.2664, 0.2642

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.



32.9775, 0.2962, 0.2783



32.9775, 0.3570, 0.3864



32.9775, 0.2527, 0.2844

Square

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



32.9775, 0.3570, 0.3864



32.9775, 0.2665, 0.3384



32.9775, 0.2684, 0.2746



32.9775, 0.3604, 0.3176

Rectangle

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



32.9775, 0.3570, 0.3864



32.9775, 0.3042, 0.3764



32.9775, 0.2684, 0.2746



32.9775, 0.3186, 0.2875

Sweetspot

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



32.9790, 0.3570, 0.3864



65.0590, 0.3248, 0.3452



22.3678, 0.3613, 0.3159



14.1355, 0.3271, 0.3481



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.



32.9790, 0.3570, 0.3864



58.2864, 0.3682, 0.4001



34.2893, 0.3393, 0.4009



8.0268, 0.3265, 0.3474



19.5050, 0.4530, 0.4785



0.4617, 0.4390, 0.4896

Inverse Universe

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



21.4535, 0.2664, 0.2642



33.6821, 0.2540, 0.2461



20.5896, 0.2804, 0.2534



7.0498, 0.2987, 0.3099



2.7618, 0.1550, 0.0780



0.1105, 0.1703, 0.1329

Previews

White Background



This preview shows how the Yxy color 32.9775, 0.3570, 0.3864 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 32.9775, 0.3570, 0.3864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

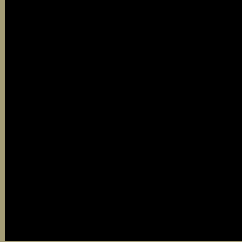
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

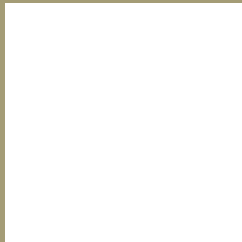
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.9775, 0.3570, 0.3864

Background



This preview shows how black text looks on a background with the Yxy color 32.9775, 0.3570, 0.3864.



This preview shows how white text looks on a background with the Yxy color 32.9775, 0.3570, 0.3864.

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

32.9775, 0.3570, 0.3864

Protanopia

32.8577, 0.3595, 0.3846

Deuteranopia

32.7719, 0.3785, 0.3717



Tritanopia

32.8563, 0.3206, 0.3118

Trichromacy



Original Color

32.9775, 0.3570, 0.3864

Protanomaly

32.7500, 0.3585, 0.3848

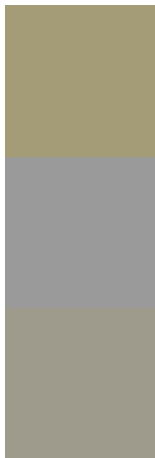
Deuteranomaly

32.9023, 0.3695, 0.3771

Tritanomaly

32.7473, 0.3338, 0.3379

Monochromacy



Original Color

32.9775, 0.3570, 0.3864

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.6349, 0.3288, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9775, 0.3570, 0.3864 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, 156, 118)` looks like.

```
.text, #text, p{  
    color:rgb(164, 156, 118)  
}
```

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, 156, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 156, 118) }
```

Border

The CSS property to change the border of an element to Yxy 32.9775, 0.3570, 0.3864 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, 156, 118) }
```

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

```
.border{ border-color:rgb(164, 156, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 156, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 156, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 156, 118);  
box-shadow:4px 4px 4px 4px rgb(164, 156,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9775, 0.3570, 0.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 156, 118) }
```

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

```
.background{ background-color: rgb(164,  
156, 118) }
```

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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