

Converting Colors

Yxy(32.8286, 0.3394, 0.3419)

Have a look what the booklet for
Yxy(32.8286, 0.3394, 0.3419)
contains.

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Color

Yxy(32.8747, 0.3389, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	A9988F
RGB	169, 152, 143
RGB Percent	66%, 60%, 56%
CMY	0.3373, 0.4039, 0.4392
CMYK	0.00, 0.10, 0.15, 0.34
HSL	21°, 13%, 61%
HSV	21°, 15%, 66%
XYZ	32.5482, 32.8747, 30.6177
YIQ	156.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

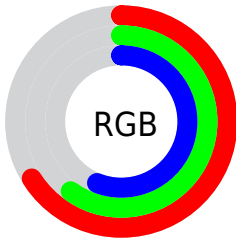
Format	Color
R _Y B	169, 157, 143
Decimal	11114639
CIE Lab	64.06, 4.73, 7.00
CIE LCh	64, 8.450, 55.985
Yxy	32.8747, 0.3389, 0.3423
Android (android.graphics.Color)	4289304719 (0xFFA9988F)
YUV	156.0570, -6.4371, 11.3510
Hunter-Lab	57.3365, 0.9902, 8.4746

Details

The Yxy color $32.8747, 0.3389, 0.3423$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $33.8452, 0.2894, 0.3153$, and the grayscale version is $33.2981, 0.3127, 0.3290$.

A 20% lighter version of the original color is $64.0211, 0.3331, 0.3391$, and $13.8796, 0.3479, 0.3457$ is the 20% darker color. If you saturate the color by 10%, you get $28.9809, 0.3597, 0.3515$, and if you desaturate by 10%, it is $37.1827, 0.3211, 0.3335$.

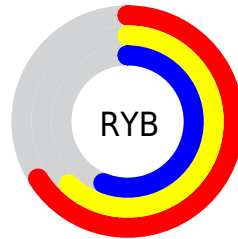
Distribution



Red (66%)

Green (60%)

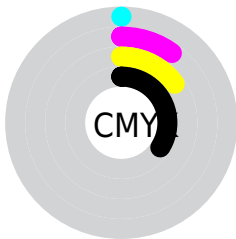
Blue (56%)



Red (66%)

Yellow (62%)

Blue (56%)

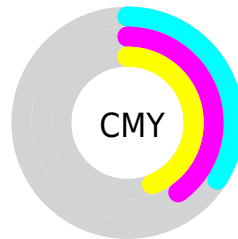


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (34%)



Cyan (34%)


Magenta (40%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8747, 0.3389, 0.3423 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 32.8747, 0.3389, 0.3423 by changing the saturation by 10% instead.


 32.8747, 0.3389,
0.3423


 32.8747, 0.3389,
0.3423


315.0847, 0.3250,
0.3354

 22.0305, 0.3427,
0.3441


 64.1799, 0.3336,
0.3397

 13.8793, 0.3477,
0.3465


 85.4096, 0.3317,
0.3388

 8.0368, 0.3548,
0.3498


110.8699, 0.3301,
0.3380

 4.1185, 0.3654,
0.3545

140.9453, 0.3288,
0.3373

 1.7401, 0.3831,
0.3620

176.0200, 0.3276,
0.3367

 0.4494, 0.5469,
0.4531

216.4786, 0.3266,

 0.0000, 0.0000,

0.3362

0.0000

262.7054, 0.3258,
0.3358

■ 32.8747, 0.3389,
0.3423

■ 32.8747, 0.3389,
0.3423

■ 28.9809, 0.3597,
0.3515

■ 37.1827, 0.3211,
0.3335

■ 25.4844, 0.3839,
0.3609

■ 41.9124, 0.3060,
0.3253

■ 22.3734, 0.4116,
0.3700

■ 47.0769, 0.2932,
0.3177

■ 19.6340, 0.4427,
0.3781

■ 52.6869, 0.2822,
0.3107

■ 17.2514, 0.4763,
0.3841

■ 58.7532, 0.2729,
0.3044

■ 15.2096, 0.5106,
0.3868

■ 65.2860, 0.2648,
0.2986

■ 13.4910, 0.5433,
0.3852

■ 71.8824, 0.2610,
0.3000

■ 12.0761, 0.5713,
0.3787

■ 78.2044, 0.2626,
0.3127

■ 11.5134, 0.5832,
0.3751

■ 84.9227, 0.2642,
0.3250

Harmonies

Analogous

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



32.8747, 0.3362, 0.3313



32.8747, 0.3389, 0.3423



32.8747, 0.3344, 0.3501

Triad

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



32.8747, 0.3389, 0.3423



32.8747, 0.2984, 0.3381



32.8747, 0.3010, 0.3067

Complementary

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



32.8747, 0.3389, 0.3423



33.8452, 0.2894, 0.3153

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.



32.8747, 0.2913, 0.3080



32.8747, 0.3389, 0.3423



32.8747, 0.2898, 0.3260

Square

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



32.8747, 0.3389, 0.3423



32.8747, 0.3109, 0.3479



32.8747, 0.2872, 0.3150



32.8747, 0.3141, 0.3111

Rectangle

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



32.8747, 0.3389, 0.3423



32.8747, 0.3281, 0.3522



32.8747, 0.2872, 0.3150



32.8747, 0.2973, 0.3065

Sweetspot

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



32.8762, 0.3389, 0.3423



66.8301, 0.3207, 0.3333



30.6307, 0.3230, 0.3039



14.4477, 0.3218, 0.3338



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.



32.8762, 0.3389, 0.3423



56.7537, 0.3447, 0.3450



37.2080, 0.3362, 0.3603



7.9513, 0.3277, 0.3369



8.6728, 0.5813, 0.3766



0.3063, 0.5192, 0.4259

Inverse Universe

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



33.8452, 0.2894, 0.3153



58.7782, 0.2849, 0.3125



29.6767, 0.2886, 0.2956



8.0881, 0.2987, 0.3210



10.6267, 0.1927, 0.2137



0.3485, 0.2045, 0.2563

Previews

White Background



This preview shows how the Yxy color 32.8747, 0.3389, 0.3423 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 32.8747, 0.3389, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

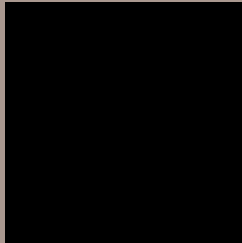
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8747, 0.3389, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 32.8747, 0.3389, 0.3423.



This preview shows how white text looks on a background with the Yxy color 32.8747, 0.3389, 0.3423.

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

32.8747, 0.3389, 0.3423

Protanopia

33.0334, 0.3290, 0.3456

Deuteranopia

32.9098, 0.3457, 0.3392



Tritanopia

32.7260, 0.3237, 0.3118

Trichromacy



Original Color

32.8747, 0.3389, 0.3423

Protanomaly

33.0173, 0.3323, 0.3440

Deuteranomaly

33.0006, 0.3434, 0.3407

Tritanomaly

32.6918, 0.3294, 0.3233

Monochromacy



Original Color

32.8747, 0.3389, 0.3423

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.2541, 0.3224, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8747, 0.3389, 0.3423 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, 152, 143)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 143)  
}
```

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, 152, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 143) }
```

Border

The CSS property to change the border of an element to Yxy 32.8747, 0.3389, 0.3423 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, 152, 143) }
```

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

```
.border{ border-color:rgb(169, 152, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 143);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8747, 0.3389, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 143) }
```

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

```
.background{ background-color: rgb(169,  
152, 143) }
```

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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