

Converting Colors

$Yxy(32.5622, 0.3479, 0.3683)$

Have a look what the booklet for
Yxy(32.5622, 0.3479, 0.3683)
contains.

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Color

Yxy(32.5622, 0.3479, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	A49A80
RGB	164, 154, 128
RGB Percent	64%, 60%, 50%
CMY	0.3570, 0.3960, 0.4980
CMYK	0.00, 0.06, 0.22, 0.36
HSL	43°, 16%, 57%
HSV	43°, 22%, 64%
XYZ	30.7586, 32.5622, 25.0914
YIQ	154.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

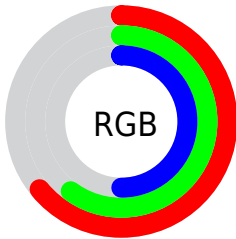
Format	Color
RYB	142, 164, 128
Decimal	10787456
CIELab	63.80, -0.71, 14.98
CIELCh	64, 14.994, 92.708
Yxy	32.5622, 0.3479, 0.3683
Android (android.graphics.Color)	4288977536 (0xFFA49A80)
YUV	154.0260, -12.8308, 8.7472
Hunter-Lab	57.0633, -3.6447, 13.8738

Details

The Yxy color **32.5622, 0.3479, 0.3683** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.4412, 0.2779, 0.2863**, and the grayscale version is **32.3794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5080, 0.3407, 0.3600**, and **13.7098, 0.3594, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **30.6944, 0.3659, 0.3869**, and if you desaturate by 10%, it is **34.5595, 0.3311, 0.3500**.

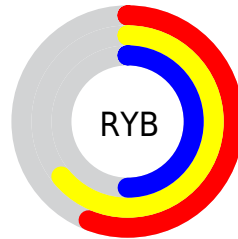
Distribution



Red (64%)

Green (60%)

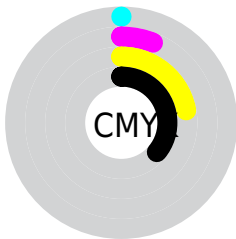
Blue (50%)



Red (56%)

Yellow (64%)

Blue (50%)

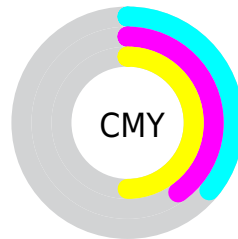


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (36%)



Cyan (36%)


Magenta (40%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5622, 0.3479, 0.3683 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 32.5622, 0.3479, 0.3683 by changing the saturation by 10% instead.


 32.5622, 0.3479,
0.3683


 32.5622, 0.3479,
0.3683


313.6723, 0.3293,
0.3475


 21.7913, 0.3529,
0.3739


 63.6914, 0.3409,
0.3604

 13.7036, 0.3594,
0.3813


 84.8185, 0.3384,
0.3576

 7.9148, 0.3685,
0.3916


 110.1664, 0.3362,
0.3552

 4.0405, 0.3818,
0.4067

140.1195, 0.3344,
0.3532

 1.6962, 0.4067,
0.4351

175.0623, 0.3329,
0.3515

 0.4212, 0.4763,
0.5237

215.3791, 0.3315,

 0.0000, 0.0000,

0.3500

0.0000

261.4543, 0.3304,
0.3486

■ 32.5622, 0.3479,
0.3683

■ 32.5622, 0.3479,
0.3683

■ 30.6944, 0.3659,
0.3869

■ 34.5595, 0.3311,
0.3500

■ 28.9477, 0.3848,
0.4051

■ 36.6857, 0.3155,
0.3323

■ 27.3193, 0.4039,
0.4221

■ 38.9457, 0.3014,
0.3156

■ 25.8047, 0.4228,
0.4370

■ 41.3429, 0.2887,
0.3000

■ 24.3988, 0.4404,
0.4486

■ 43.8805, 0.2772,
0.2855

■ 23.0959, 0.4561,
0.4562

■ 46.5616, 0.2670,
0.2722

■ 21.8893, 0.4690,
0.4590

■ 49.3891, 0.2578,
0.2600

■ 20.9740, 0.4779,
0.4588

■ 52.0927, 0.2518,
0.2530

■ 54.0967, 0.2526,
0.2586

Harmonies

Analogous

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



32.5622, 0.3588, 0.3558



32.5622, 0.3479, 0.3683



32.5622, 0.3276, 0.3703

Triad

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



32.5622, 0.3479, 0.3683



32.5622, 0.2704, 0.3182



32.5622, 0.3203, 0.3007

Complementary

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



32.5622, 0.3479, 0.3683



25.4412, 0.2779, 0.2863

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.



32.5622, 0.2966, 0.2910



32.5622, 0.3479, 0.3683



32.5622, 0.2685, 0.3002

Square

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



32.5622, 0.3479, 0.3683



32.5622, 0.2831, 0.3404



32.5622, 0.2779, 0.2906



32.5622, 0.3427, 0.3172

Rectangle

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



32.5622, 0.3479, 0.3683



32.5622, 0.3118, 0.3647



32.5622, 0.2779, 0.2906



32.5622, 0.3122, 0.2966

Sweetspot

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



32.5637, 0.3479, 0.3683



64.5749, 0.3234, 0.3414



25.1734, 0.3439, 0.3134



14.0713, 0.3243, 0.3424



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.



32.5637, 0.3479, 0.3683



57.5527, 0.3560, 0.3768



35.1871, 0.3372, 0.3838



7.9038, 0.3268, 0.3452



16.1700, 0.4772, 0.4593



0.4126, 0.4522, 0.4791

Inverse Universe

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



25.4412, 0.2779, 0.2863



42.4348, 0.2700, 0.2761



23.3403, 0.2847, 0.2708



7.1646, 0.2987, 0.3123



3.5913, 0.1604, 0.0976



0.1506, 0.1799, 0.1675

Previews

White Background



This preview shows how the Yxy color 32.5622, 0.3479, 0.3683 looks on a white background.

Color Contrast Check

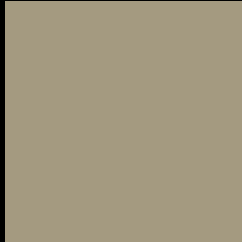
Large Text (above 18pt) WCAG AA × Fail

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 32.5622, 0.3479, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

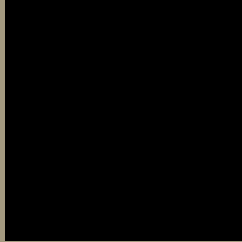
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5622, 0.3479, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 32.5622, 0.3479, 0.3683.



This preview shows how white text looks on a background with the Yxy color 32.5622, 0.3479, 0.3683.

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

32.5622, 0.3479, 0.3683

Protanopia

32.4562, 0.3469, 0.3684

Deuteranopia

32.5448, 0.3637, 0.3579



Tritanopia

32.3929, 0.3207, 0.3117

Trichromacy



Original Color

32.5622, 0.3479, 0.3683

Protanomaly

32.4562, 0.3469, 0.3684

Deuteranomaly

32.6024, 0.3576, 0.3613

Tritanomaly

32.5186, 0.3311, 0.3320

Monochromacy



Original Color

32.5622, 0.3479, 0.3683

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.4246, 0.3252, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5622, 0.3479, 0.3683 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(164, 154, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 154, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.5622, 0.3479, 0.3683 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, 128) }
```

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

```
.border{ border-color:rgb(164, 154, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 154, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 154, 128);  
box-shadow:4px 4px 4px 4px rgb(164, 154,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5622, 0.3479, 0.3683 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, 128) }
```

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

```
.background{ background-color: rgb(164,  
154, 128) }
```

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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