

Converting Colors

$Yxy(33.6282, 0.3252, 0.3394)$

Have a look what the booklet for
Yxy(33.6282, 0.3252, 0.3394)
contains.

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Color

Yxy(33.6282, 0.3252, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	A29C95
RGB	162, 156, 149
RGB Percent	64%, 61%, 58%
CMY	0.3645, 0.3883, 0.4156
CMYK	0.00, 0.04, 0.08, 0.36
HSL	32°, 7%, 61%
HSV	32°, 8%, 64%
XYZ	32.2212, 33.6282, 33.2319
YIQ	156.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

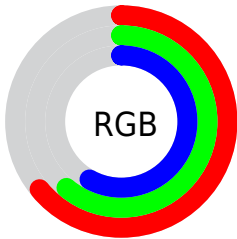
Format	Color
RYB	160, 162, 149
Decimal	10656917
CIELab	64.67, 0.94, 4.42
CIELCh	65, 4.521, 78.059
Yxy	33.6282, 0.3252, 0.3394
Android (android.graphics.Color)	4288846997 (0xFFA29C95)
YUV	156.9960, -3.9420, 4.3885
Hunter-Lab	57.9898, -2.3011, 6.6159

Details

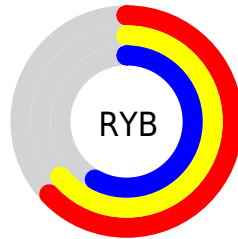
The Yxy color **33.6282, 0.3252, 0.3394** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4679, 0.3006, 0.3184**, and the grayscale version is **33.7346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1567, 0.3229, 0.3369**, and **14.3000, 0.3292, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **30.6975, 0.3426, 0.3530**, and if you desaturate by 10%, it is **36.7906, 0.3099, 0.3265**.

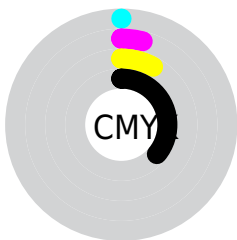
Distribution



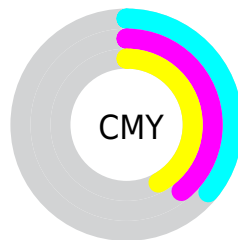
- Red (64%)
- Green (61%)
- Blue (58%)



- Red (63%)
- Yellow (64%)
- Blue (58%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (36%)





- Cyan (36%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6282, 0.3252, 0.3394 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 33.6282, 0.3252, 0.3394 by changing the saturation by 10% instead.

 33.6282, 0.3252,
0.3394


 33.6282, 0.3252,
0.3394


318.4710, 0.3186,
0.3339

 22.6081, 0.3270,
0.3409


 65.3551, 0.3227,
0.3373

 14.3044, 0.3293,
0.3428


 86.8307, 0.3218,
0.3366

 8.3327, 0.3326,
0.3455


112.5602, 0.3211,
0.3360

 4.3086, 0.3375,
0.3495

142.9281, 0.3204,
0.3354

 1.8476, 0.3457,
0.3561

178.3187, 0.3199,
0.3350

 0.5166, 0.4003,
0.4024

219.1165, 0.3194,

 0.0000, 0.0000,

0.3346

0.0000

265.7058, 0.3190,
0.3342

■ 33.6282, 0.3252,
0.3394

■ 33.6282, 0.3252,
0.3394

■ 30.6975, 0.3426,
0.3530

■ 36.7906, 0.3099,
0.3265

■ 27.9885, 0.3621,
0.3670

■ 40.1859, 0.2964,
0.3145

■ 25.4964, 0.3838,
0.3811

■ 43.8208, 0.2846,
0.3034

■ 23.2149, 0.4073,
0.3947

■ 47.7006, 0.2742,
0.2932

■ 21.1372, 0.4324,
0.4067

■ 51.8300, 0.2651,
0.2839

■ 19.2560, 0.4579,
0.4162

■ 56.2140, 0.2572,
0.2753

■ 17.5635, 0.4828,
0.4219

■ 60.3681, 0.2539,
0.2752

■ 16.0507, 0.5055,
0.4228

■ 64.1456, 0.2551,
0.2842

■ 14.7048, 0.5252,
0.4190

■ 68.1001, 0.2564,
0.2932

Harmonies

Analogous

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



33.6282, 0.3265, 0.3348



33.6282, 0.3252, 0.3394



33.6282, 0.3205, 0.3413

Triad

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



33.6282, 0.3252, 0.3394



33.6282, 0.3014, 0.3292



33.6282, 0.3116, 0.3185

Complementary

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



33.6282, 0.3252, 0.3394



32.4679, 0.3006, 0.3184

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.



33.6282, 0.3049, 0.3170



33.6282, 0.3252, 0.3394



33.6282, 0.2991, 0.3230

Square

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



33.6282, 0.3252, 0.3394



33.6282, 0.3068, 0.3354



33.6282, 0.3004, 0.3186



33.6282, 0.3186, 0.3228

Rectangle

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



33.6282, 0.3252, 0.3394



33.6282, 0.3161, 0.3407



33.6282, 0.3004, 0.3186



33.6282, 0.3092, 0.3177

Sweetspot

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



33.6297, 0.3252, 0.3394



64.4070, 0.3158, 0.3316



31.5554, 0.3203, 0.3200



14.4806, 0.3156, 0.3314



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.



33.6297, 0.3252, 0.3394



59.8368, 0.3288, 0.3423



35.6682, 0.3239, 0.3483



7.6842, 0.3272, 0.3410



11.4699, 0.5279, 0.4191



0.3345, 0.4793, 0.4576

Inverse Universe

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



32.4679, 0.3006, 0.3184



57.2040, 0.2973, 0.3154



30.5415, 0.3011, 0.3090



7.3773, 0.2987, 0.3167



6.1369, 0.1749, 0.1495



0.2233, 0.1942, 0.2190

Previews

White Background



This preview shows how the Yxy color 33.6282, 0.3252, 0.3394 looks on a white background.

Color Contrast Check

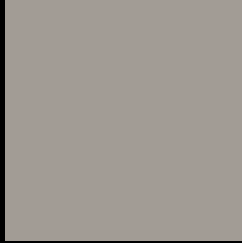
Large Text (above 18pt) WCAG AA × Fail

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 33.6282, 0.3252, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

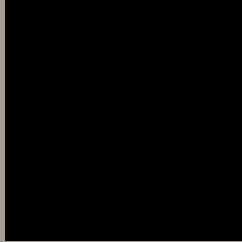
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

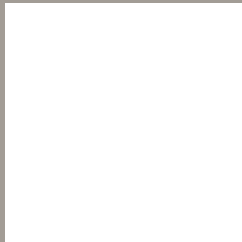
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.6282, 0.3252, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 33.6282, 0.3252, 0.3394.



This preview shows how white text looks on a background with the Yxy color 33.6282, 0.3252, 0.3394.

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

33.6282, 0.3252, 0.3394

Protanopia

33.5239, 0.3242, 0.3395

Deuteranopia

33.7724, 0.3382, 0.3319



Tritanopia

33.4282, 0.3116, 0.3102

Trichromacy



Original Color

33.6282, 0.3252, 0.3394

Protanomaly

33.5239, 0.3242, 0.3395

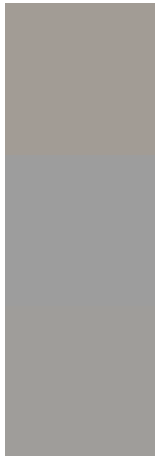
Deuteranomaly

33.5305, 0.3329, 0.3334

Tritanomaly

33.4358, 0.3161, 0.3202

Monochromacy



Original Color

33.6282, 0.3252, 0.3394

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8180, 0.3174, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6282, 0.3252, 0.3394 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(162, 156, 149)` looks like.

```
.text, #text, p{  
    color:rgb(162, 156, 149)  
}
```

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(162, 156, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 156, 149) }
```

Border

The CSS property to change the border of an element to Yxy 33.6282, 0.3252, 0.3394 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(162, 156, 149) }
```

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

```
.border{ border-color:rgb(162, 156, 149) }
```

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

Here you see how a box with a 4 pixel rgb(162, 156, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 156, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 156, 149);  
box-shadow:4px 4px 4px 4px rgb(162, 156,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6282, 0.3252, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 156, 149) }
```

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

```
.background{ background-color: rgb(162,  
156, 149) }
```

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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