

Converting Colors

$Yxy(33.9217, 0.3359, 0.3548)$

Have a look what the booklet for
Yxy(33.9217, 0.3359, 0.3548)
contains.

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Color

Yxy(33.8999, 0.3356, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	A49D8C
RGB	164, 157, 140
RGB Percent	64%, 62%, 55%
CMY	0.3568, 0.3843, 0.4511
CMYK	0.00, 0.04, 0.15, 0.36
HSL	42°, 12%, 60%
HSV	42°, 15%, 64%
XYZ	32.1016, 33.8999, 29.6528
YIQ	157.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

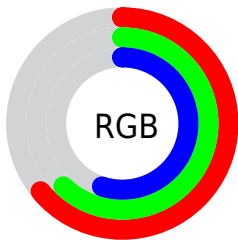
Format	Color
RYB	150, 164, 140
Decimal	10788236
CIELab	64.88, -0.43, 9.82
CIElCh	65, 9.825, 92.512
Yxy	33.8999, 0.3356, 0.3544
Android (android.graphics.Color)	4288978316 (0xFFA49D8C)
YUV	157.1550, -8.4574, 6.0031
Hunter-Lab	58.2236, -3.4753, 10.5606

Details

The Yxy color **33.8999, 0.3356, 0.3544** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1198, 0.2901, 0.3022**, and the grayscale version is **33.8268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0421, 0.3306, 0.3494**, and **14.4910, 0.3427, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **31.8648, 0.3529, 0.3725**, and if you desaturate by 10%, it is **36.0736, 0.3197, 0.3369**.

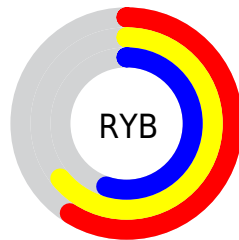
Distribution



Red (64%)

Green (62%)

Blue (55%)



Red (59%)

Yellow (64%)

Blue (55%)

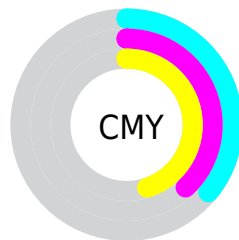


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (36%)



Cyan (36%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8999, 0.3356, 0.3544 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 33.8999, 0.3356, 0.3544 by changing the saturation by 10% instead.


 33.8999, 0.3356,
0.3544


 33.8999, 0.3356,
0.3544


319.6855, 0.3236,
0.3410


 22.8167, 0.3388,
0.3580


 65.7780, 0.3311,
0.3494

 14.4582, 0.3431,
0.3627


 87.3417, 0.3294,
0.3475

 8.4401, 0.3490,
0.3693


 113.1676, 0.3280,
0.3460

 4.3778, 0.3577,
0.3791

143.6402, 0.3269,
0.3447

 1.8871, 0.3717,
0.3949

179.1440, 0.3259,
0.3436

 0.5406, 0.4821,
0.5179

220.0631, 0.3250,

 0.0000, 0.0000,

0.3426

0.0000

266.7822, 0.3242,
0.3418

■ 33.8999, 0.3356,
0.3544

■ 33.8999, 0.3356,
0.3544

■ 31.8648, 0.3529,
0.3725

■ 36.0736, 0.3197,
0.3369

■ 29.9600, 0.3714,
0.3907

■ 38.3850, 0.3051,
0.3202

■ 28.1826, 0.3907,
0.4084

■ 40.8393, 0.2920,
0.3046

■ 26.5284, 0.4103,
0.4246

■ 43.4397, 0.2803,
0.2902

■ 24.9925, 0.4294,
0.4385

■ 46.1895, 0.2698,
0.2769

■ 23.5695, 0.4471,
0.4489

■ 49.0917, 0.2604,
0.2646

■ 22.2533, 0.4627,
0.4549

■ 52.1494, 0.2520,
0.2534

■ 21.0369, 0.4754,
0.4562

■ 54.2782, 0.2527,
0.2591

■ 20.4190, 0.4816,
0.4558

■ 56.4623, 0.2535,
0.2649

Harmonies

Analogous

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



33.8999, 0.3425, 0.3466



33.8999, 0.3356, 0.3544



33.8999, 0.3226, 0.3554

Triad

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



33.8999, 0.3356, 0.3544



33.8999, 0.2851, 0.3224



33.8999, 0.3177, 0.3104

Complementary

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



33.8999, 0.3356, 0.3544



29.1198, 0.2901, 0.3022

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.



33.8999, 0.3023, 0.3040



33.8999, 0.3356, 0.3544



33.8999, 0.2838, 0.3106

Square

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



33.8999, 0.3356, 0.3544



33.8999, 0.2936, 0.3365



33.8999, 0.2900, 0.3040



33.8999, 0.3320, 0.3214

Rectangle

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



33.8999, 0.3356, 0.3544



33.8999, 0.3124, 0.3518



33.8999, 0.2900, 0.3040



33.8999, 0.3125, 0.3076

Sweetspot

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



33.9014, 0.3356, 0.3544



65.7014, 0.3188, 0.3359



28.7563, 0.3316, 0.3182



14.2992, 0.3199, 0.3371



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.



33.9014, 0.3356, 0.3544



60.1335, 0.3418, 0.3610



35.8424, 0.3294, 0.3650



7.8864, 0.3268, 0.3449



15.7376, 0.4809, 0.4564



0.4059, 0.4542, 0.4776

Inverse Universe

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



29.1198, 0.2901, 0.3022



49.5510, 0.2840, 0.2948



27.4305, 0.2945, 0.2915



7.1812, 0.2987, 0.3126



3.7412, 0.1614, 0.1010



0.1563, 0.1811, 0.1721

Previews

White Background



This preview shows how the Yxy color 33.8999, 0.3356, 0.3544 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 33.8999, 0.3356, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

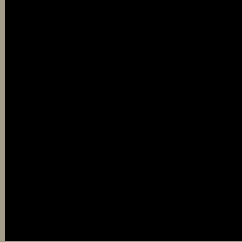
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

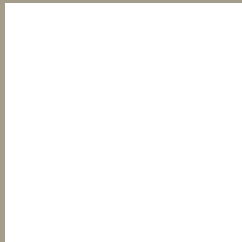
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.8999, 0.3356, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 33.8999, 0.3356, 0.3544.



This preview shows how white text looks on a background with the Yxy color 33.8999, 0.3356, 0.3544.

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

33.8999, 0.3356, 0.3544

Protanopia

33.8999, 0.3356, 0.3544

Deuteranopia

33.9633, 0.3515, 0.3447



Tritanopia

33.7146, 0.3155, 0.3118

Trichromacy



Original Color

33.8999, 0.3356, 0.3544

Protanomaly

33.8999, 0.3356, 0.3544

Deuteranomaly

34.0330, 0.3457, 0.3479

Tritanomaly

33.6185, 0.3229, 0.3261

Monochromacy



Original Color

33.8999, 0.3356, 0.3544

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8219, 0.3212, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8999, 0.3356, 0.3544 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, 157, 140)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 140)  
}
```

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, 157, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 140) }
```

Border

The CSS property to change the border of an element to Yxy 33.8999, 0.3356, 0.3544 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, 157, 140) }
```

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

```
.border{ border-color:rgb(164, 157, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 140);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8999, 0.3356, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 140) }
```

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

```
.background{ background-color: rgb(164,  
157, 140) }
```

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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