

Converting Colors

Yxy(33.9421, 0.3347, 0.3518)

Have a look what the booklet for
Yxy(33.9421, 0.3347, 0.3518)
contains.

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Color

Yxy(34.0663, 0.3347, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	A59D8E
RGB	165, 157, 142
RGB Percent	65%, 62%, 56%
CMY	0.3529, 0.3843, 0.4432
CMYK	0.00, 0.05, 0.14, 0.35
HSL	39°, 11%, 60%
HSV	39°, 14%, 65%
XYZ	32.4566, 34.0663, 30.4492
YIQ	157.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

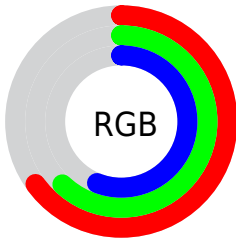
Format	Color
RYB	154, 165, 142
Decimal	10853774
CIELab	65.02, 0.28, 8.89
CIELCh	65, 8.897, 88.205
Yxy	34.0663, 0.3347, 0.3513
Android (android.graphics.Color)	4289043854 (0xFFA59D8E)
YUV	157.6820, -7.7312, 6.4179
Hunter-Lab	58.3663, -2.8802, 9.9253

Details

The Yxy color **34.0663, 0.3347, 0.3513** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2752, 0.2913, 0.3057**, and the grayscale version is **34.0736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2881, 0.3299, 0.3470**, and **14.5915, 0.3414, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **31.7125, 0.3524, 0.3681**, and if you desaturate by 10%, it is **36.5876, 0.3186, 0.3352**.

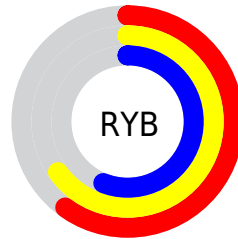
Distribution



Red (65%)

Green (62%)

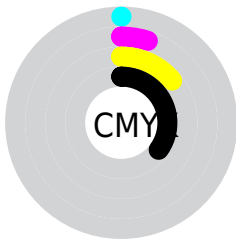
Blue (56%)



Red (60%)

Yellow (65%)

Blue (56%)

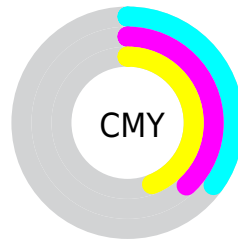


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0663, 0.3347, 0.3513 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 34.0663, 0.3347, 0.3513 by changing the saturation by 10% instead.


 34.0663, 0.3347,
0.3513


 34.0663, 0.3347,
0.3513


320.4276, 0.3231,
0.3396


 22.9445, 0.3378,
0.3544


 66.0368, 0.3303,
0.3469

 14.5526, 0.3419,
0.3586


 87.6542, 0.3288,
0.3453

 8.5060, 0.3476,
0.3643


 113.5391, 0.3274,
0.3439

 4.4204, 0.3560,
0.3728

144.0757, 0.3263,
0.3428

 1.9114, 0.3697,
0.3865

179.6485, 0.3253,
0.3418

 0.5552, 0.4905,
0.5095

220.6418, 0.3245,

 0.0000, 0.0000,

0.3410

0.0000

267.4400, 0.3238,
0.3402

■ 34.0663, 0.3347,
0.3513

■ 34.0663, 0.3347,
0.3513

■ 31.7125, 0.3524,
0.3681

■ 36.5876, 0.3186,
0.3352

■ 29.5173, 0.3716,
0.3850

■ 39.2762, 0.3042,
0.3199

■ 27.4774, 0.3920,
0.4016

■ 42.1376, 0.2912,
0.3056

■ 25.5879, 0.4131,
0.4169

■ 45.1756, 0.2797,
0.2924

■ 23.8433, 0.4342,
0.4299

■ 48.3940, 0.2695,
0.2802

■ 22.2376, 0.4544,
0.4396

■ 51.7963, 0.2604,
0.2691

■ 20.7642, 0.4726,
0.4449

■ 55.2246, 0.2536,
0.2614

■ 19.4154, 0.4879,
0.4453

■ 57.8824, 0.2546,
0.2684

■ 18.6502, 0.4963,
0.4441

■ 60.6403, 0.2555,
0.2753

Harmonies

Analogous

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



34.0663, 0.3399, 0.3436



34.0663, 0.3347, 0.3513



34.0663, 0.3236, 0.3531

Triad

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



34.0663, 0.3347, 0.3513



34.0663, 0.2885, 0.3249



34.0663, 0.3152, 0.3110

Complementary

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



34.0663, 0.3347, 0.3513



30.2752, 0.2913, 0.3057

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.



34.0663, 0.3015, 0.3060



34.0663, 0.3347, 0.3513



34.0663, 0.2863, 0.3137

Square

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



34.0663, 0.3347, 0.3513



34.0663, 0.2970, 0.3376



34.0663, 0.2910, 0.3069



34.0663, 0.3285, 0.3205

Rectangle

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



34.0663, 0.3347, 0.3513



34.0663, 0.3145, 0.3505



34.0663, 0.2910, 0.3069



34.0663, 0.3105, 0.3087

Sweetspot

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



34.0678, 0.3347, 0.3513



65.4632, 0.3188, 0.3353



29.5448, 0.3294, 0.3170



14.2380, 0.3199, 0.3365



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.



34.0678, 0.3347, 0.3513



59.5579, 0.3405, 0.3569



36.5003, 0.3297, 0.3631



7.8207, 0.3270, 0.3436



14.2036, 0.4954, 0.4449



0.3816, 0.4619, 0.4714

Inverse Universe

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



30.2752, 0.2913, 0.3057



51.3250, 0.2858, 0.2995



28.1177, 0.2943, 0.2933



7.2439, 0.2987, 0.3139



4.3820, 0.1653, 0.1149



0.1779, 0.1857, 0.1884

Previews

White Background



This preview shows how the Yxy color 34.0663, 0.3347, 0.3513 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 34.0663, 0.3347, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

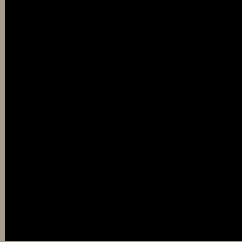
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0663, 0.3347, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 34.0663, 0.3347, 0.3513.

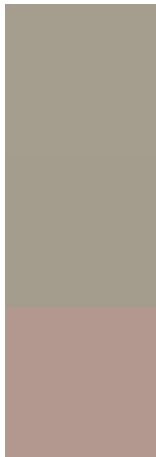


This preview shows how white text looks on a background with the Yxy color 34.0663, 0.3347, 0.3513.

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

34.0663, 0.3347, 0.3513

Protanopia

33.9594, 0.3337, 0.3513

Deuteranopia

33.9046, 0.3484, 0.3419



Tritanopia

34.1892, 0.3155, 0.3119

Trichromacy



Original Color

34.0663, 0.3347, 0.3513

Protanomaly

33.9594, 0.3337, 0.3513

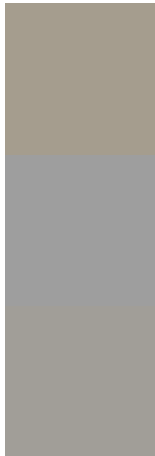
Deuteranomaly

33.9786, 0.3426, 0.3450

Tritanomaly

34.0925, 0.3228, 0.3261

Monochromacy



Original Color

34.0663, 0.3347, 0.3513

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2978, 0.3211, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0663, 0.3347, 0.3513 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(165, 157, 142)` looks like.

```
.text, #text, p{  
    color:rgb(165, 157, 142)  
}
```

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(165, 157, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 157, 142) }
```

Border

The CSS property to change the border of an element to Yxy 34.0663, 0.3347, 0.3513 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(165, 157, 142) }
```

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

```
.border{ border-color:rgb(165, 157, 142) }
```

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

Here you see how a box with a 4 pixel rgb(165, 157, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 157, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 157, 142);  
box-shadow:4px 4px 4px 4px rgb(165, 157,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0663, 0.3347, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 157, 142) }
```

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

```
.background{ background-color: rgb(165,  
157, 142) }
```

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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