

Converting Colors

$Yxy(34.6622, 0.3345, 0.3382)$

Have a look what the booklet for
Yxy(34.6622, 0.3345, 0.3382)
contains.

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Color

Yxy(34.7496, 0.3344, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	AC9C96
RGB	172, 156, 150
RGB Percent	67%, 61%, 59%
CMY	0.3254, 0.3882, 0.4118
CMYK	0.00, 0.09, 0.13, 0.33
HSL	16°, 12%, 63%
HSV	16°, 13%, 67%
XYZ	34.4100, 34.7496, 33.7412
YIQ	160.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

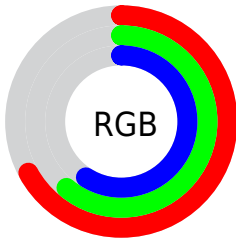
Format	Color
RYB	172, 158, 150
Decimal	11312278
CIELab	65.55, 4.83, 5.27
CIELCh	66, 7.150, 47.456
Yxy	34.7496, 0.3344, 0.3377
Android (android.graphics.Color)	4289502358 (0xFFAC9C96)
YUV	160.1000, -4.9793, 10.4363
Hunter-Lab	58.9488, 1.0350, 7.3277

Details

The Yxy color **34.7496, 0.3344, 0.3377** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7403, 0.2933, 0.3201**, and the grayscale version is **35.2234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7837, 0.3298, 0.3357**, and **14.9971, 0.3424, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **30.2523, 0.3550, 0.3450**, and if you desaturate by 10%, it is **39.7638, 0.3171, 0.3308**.

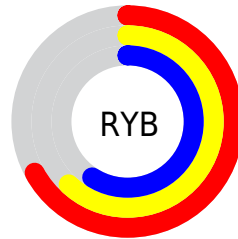
Distribution



Red (67%)

Green (61%)

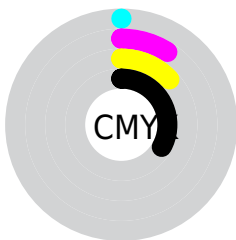
Blue (59%)



Red (67%)

Yellow (62%)

Blue (59%)

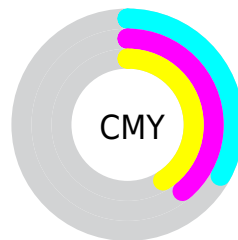


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (33%)



Cyan (33%)


Magenta (39%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7496, 0.3344, 0.3377 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 34.7496, 0.3344, 0.3377 by changing the saturation by 10% instead.


 34.7496, 0.3344,
0.3377


 34.7496, 0.3344,
0.3377


323.4617, 0.3230,
0.3332

 23.4701, 0.3375,
0.3389


 67.0977, 0.3301,
0.3360

 14.9410, 0.3415,
0.3404


 88.9350, 0.3285,
0.3354

 8.7780, 0.3472,
0.3424


115.0604, 0.3272,
0.3349

 4.5966, 0.3556,
0.3454

145.8582, 0.3261,
0.3345

 2.0126, 0.3694,
0.3499

181.7128, 0.3252,
0.3341

 0.6148, 0.4340,
0.3799


223.0087, 0.3243,

 0.0000, 0.0000,


0.3338


0.0000


270.1302, 0.3236,
0.3335


 34.7496, 0.3344,
0.3377

 34.7496, 0.3344,
0.3377


 30.2523, 0.3550,
0.3450


 39.7638, 0.3171,
0.3308


 26.2508, 0.3794,
0.3524


 45.3062, 0.3025,
0.3245


 22.7292, 0.4079,
0.3597

 51.3932, 0.2903,
0.3186

 19.6689, 0.4406,
0.3663

 58.0396, 0.2800,
0.3133

 17.0502, 0.4767,
0.3712

 65.2590, 0.2712,
0.3085

■ 14.8518, 0.5146,
0.3734

■ 73.0651, 0.2637,
0.3041

■ 13.0506, 0.5512,
0.3719

■ 80.4385, 0.2646,
0.3163

■ 11.6208, 0.5827,
0.3661

■ 87.5137, 0.2662,
0.3289

■ 10.8002, 0.6017,
0.3604

Harmonies

Analogous

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



34.7496, 0.3305, 0.3282



34.7496, 0.3344, 0.3377



34.7496, 0.3324, 0.3451

Triad

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



34.7496, 0.3344, 0.3377



34.7496, 0.3036, 0.3392



34.7496, 0.3003, 0.3103

Complementary

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



34.7496, 0.3344, 0.3377



36.7403, 0.2933, 0.3201

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.



34.7496, 0.2934, 0.3128



34.7496, 0.3344, 0.3377



34.7496, 0.2952, 0.3294

Square

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



34.7496, 0.3344, 0.3377



34.7496, 0.3145, 0.3462



34.7496, 0.2915, 0.3197



34.7496, 0.3107, 0.3126

Rectangle

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



34.7496, 0.3344, 0.3377



34.7496, 0.3280, 0.3478



34.7496, 0.2915, 0.3197



34.7496, 0.2975, 0.3106

Sweetspot

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



34.7511, 0.3344, 0.3377



70.9159, 0.3191, 0.3317



33.3404, 0.3197, 0.3061



15.2613, 0.3203, 0.3322



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.7511, 0.3344, 0.3377



60.9331, 0.3391, 0.3395



38.5702, 0.3324, 0.3530



8.3576, 0.3280, 0.3352



8.1150, 0.5999, 0.3618



0.3174, 0.5409, 0.4087

Inverse Universe

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



36.7403, 0.2933, 0.3201



65.1591, 0.2896, 0.3183



32.9477, 0.2929, 0.3038



8.6970, 0.2986, 0.3227



13.2429, 0.1998, 0.2394



0.4530, 0.2083, 0.2697

Previews

White Background



This preview shows how the Yxy color 34.7496, 0.3344, 0.3377 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 34.7496, 0.3344, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

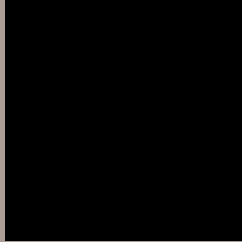
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7496, 0.3344, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 34.7496, 0.3344, 0.3377.



This preview shows how white text looks on a background with the Yxy color 34.7496, 0.3344, 0.3377.

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

34.7496, 0.3344, 0.3377

Protanopia

34.9232, 0.3249, 0.3408

Deuteranopia

34.7782, 0.3409, 0.3347



Tritanopia

34.8630, 0.3214, 0.3122

Trichromacy



Original Color

34.7496, 0.3344, 0.3377

Protanomaly

34.9036, 0.3280, 0.3392

Deuteranomaly

34.8748, 0.3386, 0.3362

Tritanomaly

34.8650, 0.3260, 0.3220

Monochromacy



Original Color

34.7496, 0.3344, 0.3377

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0891, 0.3203, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7496, 0.3344, 0.3377 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(172, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 156, 150)  
}
```

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(172, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 156, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.7496, 0.3344, 0.3377 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(172, 156, 150) }
```

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

```
.border{ border-color:rgb(172, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 156,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7496, 0.3344, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 156, 150) }
```

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

```
.background{ background-color: rgb(172,  
156, 150) }
```

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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