

Converting Colors

$Yxy(34.4473, 0.3165, 0.3106)$

Have a look what the booklet for
Yxy(34.4473, 0.3165, 0.3106)
contains.

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Color

Yxy(34.4473, 0.3165, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	AA9AA7
RGB	170, 154, 167
RGB Percent	67%, 60%, 65%
CMY	0.3335, 0.3960, 0.3451
CMYK	0.00, 0.09, 0.02, 0.33
HSL	311°, 9%, 64%
HSV	311°, 9%, 67%
XYZ	35.1016, 34.4473, 41.3567
YIQ	160.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

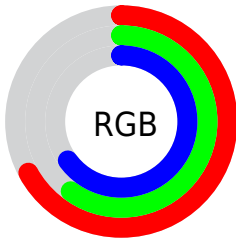
Format	Color
RYB	170, 154, 167
Decimal	11180711
CIELab	65.32, 8.23, -4.64
CIELCh	65, 9.447, 330.576
Yxy	34.4473, 0.3165, 0.3106
Android (android.graphics.Color)	4289370791 (0xFFAA9AA7)
YUV	160.2660, 3.3199, 8.5367
Hunter-Lab	58.6918, 4.0443, -0.6939

Details

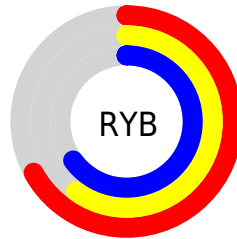
The Yxy color $34.4473, 0.3165, 0.3106$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.0404, 0.3091, 0.3481$, and the grayscale version is $35.2643, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.3932, 0.3157, 0.3138$, and $14.7899, 0.3181, 0.3051$ is the 20% darker color. If you saturate the color by 10%, you get $29.1138, 0.3211, 0.2903$, and if you desaturate by 10%, it is $40.5811, 0.3125, 0.3302$.

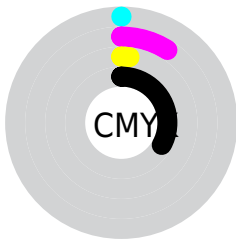
Distribution



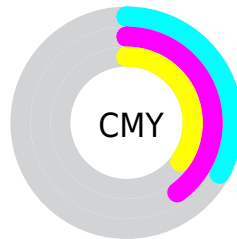
- Red (67%)
- Green (60%)
- Blue (65%)



- Red (67%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (33%)




- Cyan (33%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4473, 0.3165, 0.3106 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 34.4473, 0.3165, 0.3106 by changing the saturation by 10% instead.


 34.4473, 0.3165,
0.3106


 34.4473, 0.3165,
0.3106


322.1220, 0.3146,
0.3201

 23.2374, 0.3170,
0.3081


 66.6287, 0.3158,
0.3142

 14.7689, 0.3176,
0.3048


 88.3689, 0.3155,
0.3155

 8.6574, 0.3185,
0.3003


114.3882, 0.3153,
0.3166

 4.5184, 0.3197,
0.2938

145.0707, 0.3151,
0.3175

 1.9676, 0.3216,
0.2833

180.8009, 0.3150,
0.3183

 0.5885, 0.3285,
0.2543

221.9633, 0.3148,

 0.0000, 0.0000,

0.3190

0.0000

268.9422, 0.3147,
0.3196

■ 34.4473, 0.3165,
0.3106

■ 34.4473, 0.3165,
0.3106

■ 29.1138, 0.3211,
0.2903

■ 40.5811, 0.3125,
0.3302

■ 24.5428, 0.3264,
0.2698

■ 47.5419, 0.3090,
0.3487

■ 20.7003, 0.3322,
0.2496

■ 55.3608, 0.3061,
0.3661

■ 17.5478, 0.3387,
0.2307

■ 64.0660, 0.3036,
0.3822

■ 15.0435, 0.3455,
0.2139

■ 73.6842, 0.3015,
0.3970

■ 13.1409, 0.3526,
0.2002

■ 83.6049, 0.2997,
0.4096

■ 11.7873, 0.3598,
0.1904

■ 83.7407, 0.2981,
0.4057

■ 10.9207, 0.3668,
0.1850

■ 83.8795, 0.2965,
0.4019

■ 10.4161, 0.3735,
0.1834

■ 84.0213, 0.2948,
0.3981

Harmonies

Analogous

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



34.4473, 0.3019, 0.3049



34.4473, 0.3165, 0.3106



34.4473, 0.3304, 0.3209

Triad

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



34.4473, 0.3165, 0.3106



34.4473, 0.3352, 0.3530



34.4473, 0.2866, 0.3236

Complementary

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



34.4473, 0.3165, 0.3106



38.0404, 0.3091, 0.3481

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.



34.4473, 0.2952, 0.3371



34.4473, 0.3165, 0.3106



34.4473, 0.3231, 0.3544

Square

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



34.4473, 0.3165, 0.3106



34.4473, 0.3413, 0.3452



34.4473, 0.3085, 0.3485



34.4473, 0.2849, 0.3120

Rectangle

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



34.4473, 0.3165, 0.3106



34.4473, 0.3372, 0.3292



34.4473, 0.3085, 0.3485



34.4473, 0.2888, 0.3280

Sweetspot

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



34.4488, 0.3165, 0.3106



69.4058, 0.3139, 0.3231



33.1801, 0.3012, 0.3056



15.2781, 0.3142, 0.3215



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.



34.4488, 0.3165, 0.3106



60.6676, 0.3173, 0.3070



34.1644, 0.3239, 0.3218



7.6423, 0.3165, 0.3108



7.6526, 0.3733, 0.1830



0.1922, 0.3532, 0.1720

Inverse Universe

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



34.4488, 0.3165, 0.3106



60.6676, 0.3173, 0.3070



38.3202, 0.3026, 0.3363



7.6423, 0.3165, 0.3108



7.6526, 0.3733, 0.1830



0.1922, 0.3532, 0.1720

Previews

White Background



This preview shows how the Yxy color 34.4473, 0.3165, 0.3106 looks on a white background.

Color Contrast Check

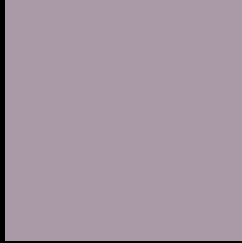
Large Text (above 18pt) WCAG AA × Fail

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 34.4473, 0.3165, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

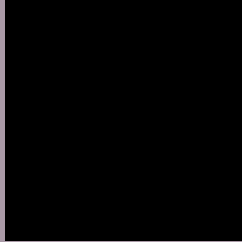
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4473, 0.3165, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 34.4473, 0.3165, 0.3106.



This preview shows how white text looks on a background with the Yxy color 34.4473, 0.3165, 0.3106.

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

34.4473, 0.3165, 0.3106

Protanopia

34.5874, 0.3030, 0.3129

Deuteranopia

34.4473, 0.3165, 0.3106



Tritanopia

34.4104, 0.3175, 0.3120

Trichromacy



Original Color

34.4473, 0.3165, 0.3106

Protanomaly

34.6225, 0.3077, 0.3131

Deuteranomaly

34.4473, 0.3165, 0.3106

Tritanomaly

34.4104, 0.3175, 0.3120

Monochromacy



Original Color

34.4473, 0.3165, 0.3106

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9906, 0.3140, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4473, 0.3165, 0.3106 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(170, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(170, 154, 167)  
}
```

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(170, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 154, 167) }
```

Border

The CSS property to change the border of an element to Yxy 34.4473, 0.3165, 0.3106 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(170, 154, 167) }
```

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

```
.border{ border-color:rgb(170, 154, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(170, 154,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4473, 0.3165, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 154, 167) }
```

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

```
.background{ background-color: rgb(170,  
154, 167) }
```

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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