

Converting Colors

$Yxy(34.4446, 0.3340, 0.3074)$

Have a look what the booklet for
Yxy(34.4446, 0.3340, 0.3074)
contains.

Yxy(34.5258, 0.3342, 0.3073)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.5258, 0.3342, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	B995A5
RGB	185, 149, 165
RGB Percent	73%, 58%, 65%
CMY	0.2745, 0.4157, 0.3530
CMYK	0.00, 0.19, 0.11, 0.27
HSL	333°, 20%, 65%
HSV	333°, 19%, 73%
XYZ	37.5481, 34.5258, 40.2782
YIQ	161.5880, 16.3200, 12.6080

Conversions

Conversions Part 2

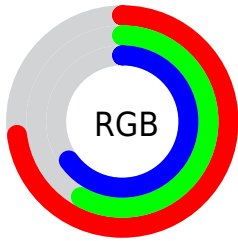
Format	Color
RYB	185, 149, 165
Decimal	12162469
CIELab	65.38, 16.11, -3.26
CIElCh	65, 16.437, 348.545
Yxy	34.5258, 0.3342, 0.3073
Android (android.graphics.Color)	4290352549 (0xFFB995A5)
YUV	161.5880, 1.6821, 20.5323
Hunter-Lab	58.7587, 11.2378, 0.4886

Details

The Yxy color **34.5258, 0.3342, 0.3073** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9583, 0.2954, 0.3518**, and the grayscale version is **35.9160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5800, 0.3297, 0.3112**, and **14.8332, 0.3421, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **28.7711, 0.3487, 0.2955**, and if you desaturate by 10%, it is **41.2437, 0.3222, 0.3187**.

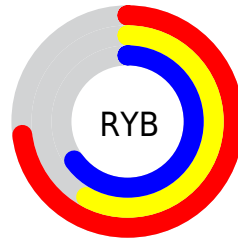
Distribution



Red (73%)

Green (58%)

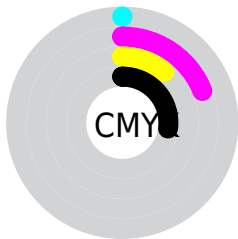
Blue (65%)



Red (73%)

Yellow (58%)

Blue (65%)

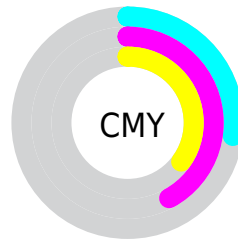


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5258, 0.3342, 0.3073 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 34.5258, 0.3342, 0.3073 by changing the saturation by 10% instead.


 34.5258, 0.3342,
0.3073


 34.5258, 0.3342,
0.3073


322.4703, 0.3230,
0.3185

 23.2978, 0.3372,
0.3044


 66.7505, 0.3300,
0.3115

 14.8136, 0.3411,
0.3005


 88.5160, 0.3285,
0.3130

 8.6887, 0.3464,
0.2952


114.5628, 0.3272,
0.3143

 4.5387, 0.3543,
0.2876

145.2753, 0.3261,
0.3154

 1.9792, 0.3670,
0.2755

181.0379, 0.3252,
0.3164

 0.5954, 0.3959,
0.2443

222.2350, 0.3244,

 0.0000, 0.0000,

0.3172

0.0000

269.2510, 0.3236,
0.3179

■ 34.5258, 0.3342,
0.3073

■ 34.5258, 0.3342,
0.3073

■ 28.7711, 0.3487,
0.2955

■ 41.2437, 0.3222,
0.3187

■ 23.9303, 0.3660,
0.2837

■ 48.9617, 0.3122,
0.3296

■ 19.9571, 0.3863,
0.2726

■ 57.7205, 0.3040,
0.3396

■ 16.7989, 0.4097,
0.2632

■ 67.5572, 0.2973,
0.3490

■ 14.3974, 0.4357,
0.2565

■ 78.5068, 0.2917,
0.3575

■ 12.6865, 0.4635,
0.2538

■ 87.3657, 0.2869,
0.3601

■ 11.5886, 0.4914,
0.2562

■ 87.9498, 0.2816,
0.3485

■ 10.9574, 0.5182,
0.2632

■ 88.5684, 0.2764,
0.3372

■ 10.9275, 0.5196,
0.2636

■ 89.0559, 0.2726,
0.3289

Harmonies

Analogous

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



34.5258, 0.3086, 0.2927



34.5258, 0.3342, 0.3073



34.5258, 0.3545, 0.3274

Triad

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



34.5258, 0.3342, 0.3073



34.5258, 0.3399, 0.3741



34.5258, 0.2647, 0.3062

Complementary

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



34.5258, 0.3342, 0.3073



43.9583, 0.2954, 0.3518

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.



34.5258, 0.2724, 0.3285



34.5258, 0.3342, 0.3073



34.5258, 0.3152, 0.3692

Square

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



34.5258, 0.3342, 0.3073



34.5258, 0.3576, 0.3660



34.5258, 0.2906, 0.3521



34.5258, 0.2692, 0.2913

Rectangle

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



34.5258, 0.3342, 0.3073



34.5258, 0.3619, 0.3417



34.5258, 0.2906, 0.3521



34.5258, 0.2660, 0.3130

Sweetspot

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



34.5273, 0.3342, 0.3073



78.3047, 0.3186, 0.3225



33.4122, 0.2993, 0.2791



16.6941, 0.3193, 0.3218



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.5273, 0.3342, 0.3073



57.5966, 0.3396, 0.3027



34.5552, 0.3500, 0.3316



9.0767, 0.3220, 0.3189



7.4537, 0.5165, 0.2619



0.2753, 0.4535, 0.2272

Inverse Universe

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



34.5273, 0.3342, 0.3073



57.5966, 0.3396, 0.3027



43.8475, 0.2838, 0.3264



9.0767, 0.3220, 0.3189



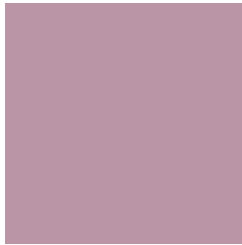
7.4537, 0.5165, 0.2619



0.2753, 0.4535, 0.2272

Previews

White Background



This preview shows how the Yxy color 34.5258, 0.3342, 0.3073 looks on a white background.

Color Contrast Check

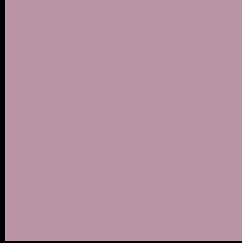
Large Text (above 18pt) WCAG AA × Fail

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 34.5258, 0.3342, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

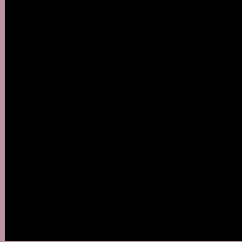
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5258, 0.3342, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 34.5258, 0.3342, 0.3073.



This preview shows how white text looks on a background with the Yxy color 34.5258, 0.3342, 0.3073.

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

34.5258, 0.3342, 0.3073

Protanopia

34.6251, 0.3021, 0.3115

Deuteranopia

34.5622, 0.3213, 0.3149



Tritanopia

34.7002, 0.3380, 0.3140

Trichromacy



Original Color

34.5258, 0.3342, 0.3073

Protanomaly

34.5947, 0.3136, 0.3105

Deuteranomaly

34.4839, 0.3266, 0.3123

Tritanomaly

34.7356, 0.3370, 0.3127

Monochromacy



Original Color

34.5258, 0.3342, 0.3073

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3043, 0.3200, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5258, 0.3342, 0.3073 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(185, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(185, 149, 165)  
}
```

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(185, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 149, 165) }
```

Border

The CSS property to change the border of an element to Yxy 34.5258, 0.3342, 0.3073 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(185, 149, 165) }
```

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

```
.border{ border-color:rgb(185, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(185, 149,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5258, 0.3342, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 149, 165) }
```

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

```
.background{ background-color: rgb(185,  
149, 165) }
```

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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