

Converting Colors

$Y_{xy}(35.2873, 0.3529, 0.3395)$

Have a look what the booklet for
Yxy(35.2873, 0.3529, 0.3395)
contains.

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Color

Yxy(35.1721, 0.3524, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	B99992
RGB	185, 153, 146
RGB Percent	73%, 60%, 57%
CMY	0.2746, 0.4000, 0.4274
CMYK	0.00, 0.17, 0.21, 0.27
HSL	11°, 22%, 65%
HSV	11°, 21%, 73%
XYZ	36.5840, 35.1721, 32.0577
YIQ	161.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

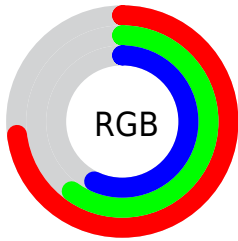
Format	Color
RYB	185, 155, 146
Decimal	12163474
CIELab	65.88, 10.77, 8.12
CIElCh	66, 13.489, 37.037
Yxy	35.1721, 0.3524, 0.3388
Android (android.graphics.Color)	4290353554 (0xFFB99992)
YUV	161.7700, -7.7746, 20.3727
Hunter-Lab	59.3061, 6.3252, 9.4652

Details

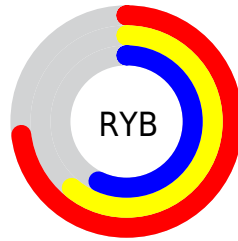
The Yxy color **35.1721, 0.3524, 0.3388** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4453, 0.2811, 0.3190**, and the grayscale version is **36.0479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4966, 0.3441, 0.3366**, and **15.1726, 0.3643, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **29.9879, 0.3775, 0.3438**, and if you desaturate by 10%, it is **41.0843, 0.3316, 0.3340**.

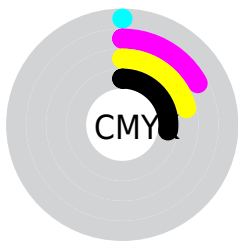
Distribution



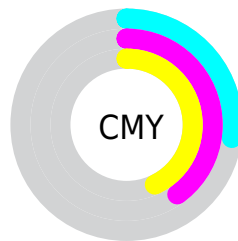
- Red (73%)
- Green (60%)
- Blue (57%)



- Red (73%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (27%)





- Cyan (27%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1721, 0.3524, 0.3388 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 35.1721, 0.3524, 0.3388 by changing the saturation by 10% instead.


 35.1721, 0.3524,
0.3388

 35.1721, 0.3524,
0.3388


325.3273, 0.3315,
0.3340

 23.7955, 0.3580,
0.3400


 67.7523, 0.3445,
0.3371

 15.1820, 0.3654,
0.3414


 89.7247, 0.3417,
0.3364

 8.9472, 0.3758,
0.3433


115.9977, 0.3393,
0.3359

 4.7068, 0.3910,
0.3458

146.9559, 0.3372,
0.3354

 2.0763, 0.4159,
0.3490

182.9835, 0.3355,
0.3350

 0.6512, 0.5269,
0.3889


224.4650, 0.3340,


 0.0000, 0.0000,


0.3346


0.0000


271.7848, 0.3326,
0.3343

 35.1721, 0.3524,
0.3388

 35.1721, 0.3524,
0.3388


 29.9879, 0.3775,
0.3438


 41.0843, 0.3316,
0.3340


 25.4989, 0.4076,
0.3487


 47.7463, 0.3144,
0.3295


 21.6767, 0.4427,
0.3531

 55.1849, 0.3002,
0.3253

 18.4891, 0.4822,
0.3562

 63.4241, 0.2884,
0.3215

 15.9014, 0.5241,
0.3574

 72.4869, 0.2786,
0.3181

■ 13.8751, 0.5646,
0.3557

■ 82.2661, 0.2714,
0.3171

■ 12.3675, 0.5986,
0.3507

■ 89.0518, 0.2726,
0.3289

■ 11.4130, 0.6212,
0.3449

Harmonies

Analogous

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



35.1721, 0.3413, 0.3211



35.1721, 0.3524, 0.3388



35.1721, 0.3524, 0.3547

Triad

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



35.1721, 0.3524, 0.3388



35.1721, 0.3021, 0.3540



35.1721, 0.2841, 0.2947

Complementary

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



35.1721, 0.3524, 0.3388



41.4453, 0.2811, 0.3190

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.



35.1721, 0.2744, 0.3020



35.1721, 0.3524, 0.3388



35.1721, 0.2846, 0.3363

Square

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



35.1721, 0.3524, 0.3388



35.1721, 0.3229, 0.3644



35.1721, 0.2746, 0.3171



35.1721, 0.3015, 0.2963

Rectangle

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



35.1721, 0.3524, 0.3388



35.1721, 0.3462, 0.3620



35.1721, 0.2746, 0.3171



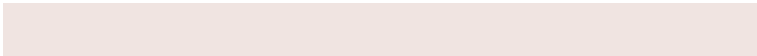
35.1721, 0.2799, 0.2962

Sweetspot

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



35.1737, 0.3524, 0.3388



79.3596, 0.3226, 0.3317



34.1060, 0.3213, 0.2856



16.9434, 0.3237, 0.3320



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.



35.1737, 0.3524, 0.3388



58.8219, 0.3627, 0.3410



41.8885, 0.3473, 0.3642



9.2663, 0.3283, 0.3332



7.8514, 0.6194, 0.3464



0.3570, 0.5736, 0.3828

Inverse Universe

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



41.4453, 0.2811, 0.3190



71.9503, 0.2749, 0.3167



34.4096, 0.2792, 0.2911



9.9287, 0.2985, 0.3248



17.7185, 0.2087, 0.2713



0.6972, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 35.1721, 0.3524, 0.3388 looks on a white background.

Color Contrast Check

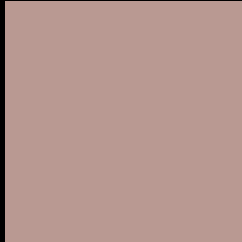
Large Text (above 18pt) WCAG AA × Fail

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 35.1721, 0.3524, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

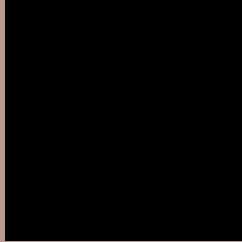
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1721, 0.3524, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 35.1721, 0.3524, 0.3388.



This preview shows how white text looks on a background with the Yxy color 35.1721, 0.3524, 0.3388.

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

35.1721, 0.3524, 0.3388

Protanopia

35.4506, 0.3276, 0.3436

Deuteranopia

35.3418, 0.3477, 0.3417



Tritanopia

35.3066, 0.3389, 0.3142

Trichromacy



Original Color

35.1721, 0.3524, 0.3388

Protanomaly

35.1681, 0.3361, 0.3405

Deuteranomaly

35.1316, 0.3490, 0.3403

Tritanomaly

35.2959, 0.3436, 0.3236

Monochromacy



Original Color

35.1721, 0.3524, 0.3388

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7426, 0.3262, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1721, 0.3524, 0.3388 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, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 153, 146)  
}
```

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, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 153, 146) }
```

Border

The CSS property to change the border of an element to Yxy 35.1721, 0.3524, 0.3388 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, 153, 146) }
```

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

```
.border{ border-color:rgb(185, 153, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 153, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 153, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 153, 146);  
box-shadow:4px 4px 4px 4px rgb(185, 153,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1721, 0.3524, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 153, 146) }
```

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

```
.background{ background-color: rgb(185,  
153, 146) }
```

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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