

Converting Colors

$Y_{xy}(41.7665, 0.3395, 0.3332)$

Have a look what the booklet for
Yxy(41.7665, 0.3395, 0.3332)
contains.

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Color

Yxy(41.6552, 0.3399, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	C1A7A4
RGB	193, 167, 164
RGB Percent	76%, 65%, 64%
CMY	0.2430, 0.3451, 0.3569
CMYK	0.00, 0.13, 0.15, 0.24
HSL	6°, 19%, 70%
HSV	6°, 15%, 76%
XYZ	42.5183, 41.6552, 40.9172
YIQ	174.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

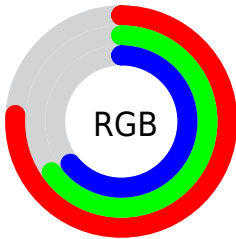
Format	Color
R_{YB}	193, 167, 164
Decimal	12691364
CIE _{Lab}	70.63, 8.98, 5.04
CIE _{LCh}	71, 10.300, 29.299
Yxy	41.6552, 0.3399, 0.3330
Android (android.graphics.Color)	4290881444 (0xFFC1A7A4)
YUV	174.4320, -5.1430, 16.2841
Hunter-Lab	64.5408, 4.6461, 7.5903

Details

The Yxy color **41.6552, 0.3399, 0.3330** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5873, 0.2900, 0.3250**, and the grayscale version is **42.5844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6810, 0.3349, 0.3321**, and **18.9203, 0.3483, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **35.0885, 0.3632, 0.3359**, and if you desaturate by 10%, it is **49.1805, 0.3209, 0.3303**.

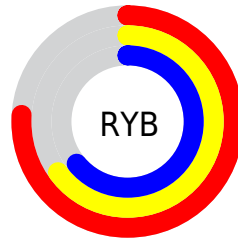
Distribution



Red (76%)

Green (65%)

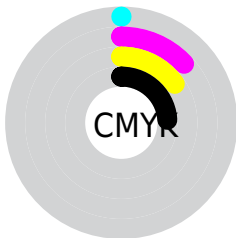
Blue (64%)



Red (76%)

Yellow (65%)

Blue (64%)

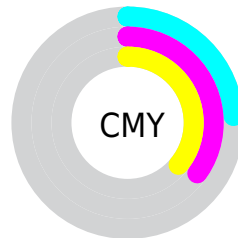


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6552, 0.3399, 0.3330 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 41.6552, 0.3399, 0.3330 by changing the saturation by 10% instead.


 41.6552, 0.3399,
0.3330


 41.6552, 0.3399,
0.3330


353.0516, 0.3260,
0.3311

 28.8314, 0.3435,
0.3334

 77.6775, 0.3348,
0.3323

 18.9533, 0.3482,
0.3340


 101.6448, 0.3329,
0.3321

 11.6365, 0.3545,
0.3347


130.0954, 0.3313,
0.3319

 6.4967, 0.3636,
0.3355

163.4137, 0.3299,
0.3317

 3.1494, 0.3777,
0.3366

201.9841, 0.3287,
0.3315

 1.2102, 0.4026,
0.3379

246.1909, 0.3277,

 0.0700, 0.8032,

0.3314

0.1968

296.4186, 0.3268,
0.3312

0.0000, 0.0000,
0.0000

41.6552, 0.3399,
0.3330

41.6552, 0.3399,
0.3330

35.0885, 0.3632,
0.3359

49.1805, 0.3209,
0.3303

29.4364, 0.3917,
0.3388

57.6948, 0.3055,
0.3278

24.6602, 0.4258,
0.3415

67.2342, 0.2928,
0.3255

20.7157, 0.4656,
0.3438

77.8312, 0.2825,
0.3235

17.5554, 0.5095,
0.3450

89.1568, 0.2767,
0.3274

■ 15.1267, 0.5540,
0.3445

■ 90.0825, 0.2768,
0.3289

■ 13.3704, 0.5935,
0.3422

■ 12.2183, 0.6219,
0.3380

■ 11.8405, 0.6321,
0.3363

Harmonies

Analogous

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



41.6552, 0.3302, 0.3202



41.6552, 0.3399, 0.3330



41.6552, 0.3421, 0.3451

Triad

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



41.6552, 0.3399, 0.3330



41.6552, 0.3090, 0.3494



41.6552, 0.2895, 0.3049

Complementary

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



41.6552, 0.3399, 0.3330



48.5873, 0.2900, 0.3250

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.



41.6552, 0.2842, 0.3120



41.6552, 0.3399, 0.3330



41.6552, 0.2953, 0.3378

Square

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



41.6552, 0.3399, 0.3330



41.6552, 0.3240, 0.3551



41.6552, 0.2863, 0.3240



41.6552, 0.3010, 0.3042

Rectangle

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



41.6552, 0.3399, 0.3330



41.6552, 0.3390, 0.3512



41.6552, 0.2863, 0.3240



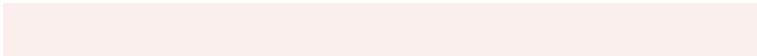
41.6552, 0.2870, 0.3066

Sweetspot

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



41.6571, 0.3399, 0.3330



87.9984, 0.3210, 0.3303



41.6143, 0.3169, 0.2958



18.6617, 0.3222, 0.3305



97.7402, 0.3127, 0.3290



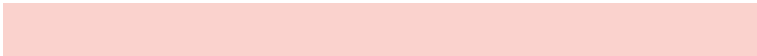
20.4902, 0.3127, 0.3290

Same Dimension

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



41.6571, 0.3399, 0.3330



70.5871, 0.3469, 0.3339



47.2413, 0.3371, 0.3515



10.2415, 0.3286, 0.3314



7.9291, 0.6307, 0.3374



0.4001, 0.6022, 0.3601

Inverse Universe

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



48.5873, 0.2900, 0.3250



85.3224, 0.2853, 0.3240



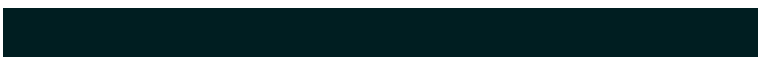
42.6419, 0.2893, 0.3054



11.2449, 0.2984, 0.3266



22.5255, 0.2157, 0.2966



1.0254, 0.2179, 0.3044

Previews

White Background



This preview shows how the Yxy color 41.6552, 0.3399, 0.3330 looks on a white background.

Color Contrast Check

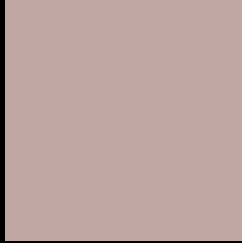
Large Text (above 18pt) WCAG AA × Fail

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 41.6552, 0.3399, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

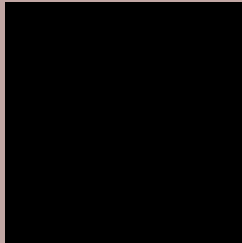
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6552, 0.3399, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 41.6552, 0.3399, 0.3330.



This preview shows how white text looks on a background with the Yxy color 41.6552, 0.3399, 0.3330.

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

41.6552, 0.3399, 0.3330

Protanopia

41.6422, 0.3215, 0.3358

Deuteranopia

41.6552, 0.3399, 0.3330



Tritanopia

41.7267, 0.3294, 0.3124

Trichromacy



Original Color

41.6552, 0.3399, 0.3330

Protanomaly

41.5699, 0.3281, 0.3344

Deuteranomaly

41.6552, 0.3399, 0.3330

Tritanomaly

41.7589, 0.3328, 0.3200

Monochromacy



Original Color

41.6552, 0.3399, 0.3330

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8519, 0.3227, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6552, 0.3399, 0.3330 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(193, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 167, 164)  
}
```

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(193, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 167, 164) }
```

Border

The CSS property to change the border of an element to Yxy 41.6552, 0.3399, 0.3330 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(193, 167, 164) }
```

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

```
.border{ border-color:rgb(193, 167, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 167, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 167,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6552, 0.3399, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 167, 164) }
```

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

```
.background{ background-color: rgb(193,  
167, 164) }
```

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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