

Converting Colors

$Y_{xy}(42.4872, 0.3520, 0.3391)$

Have a look what the booklet for
Yxy(42.4872, 0.3520, 0.3391)
contains.

Yxy(42.5581, 0.3522, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.5581, 0.3522, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	C9A79F
RGB	201, 167, 159
RGB Percent	79%, 65%, 62%
CMY	0.2117, 0.3451, 0.3766
CMYK	0.00, 0.17, 0.21, 0.21
HSL	11°, 28%, 71%
HSV	11°, 21%, 79%
XYZ	44.1631, 42.5581, 38.6709
YIQ	176.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

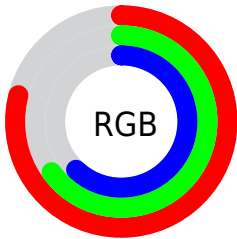
Format	Color
R_{YB}	201, 169, 159
Decimal	13215647
CIE _{Lab}	71.25, 11.17, 8.80
CIE _{LCh}	71, 14.223, 38.235
Yxy	42.5581, 0.3522, 0.3394
Android (android.graphics.Color)	4291405727 (0xFFC9A79F)
YUV	176.2540, -8.5062, 21.7022
Hunter-Lab	65.2366, 6.6749, 10.5197

Details

The Yxy color **42.5581, 0.3522, 0.3394** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7102, 0.2811, 0.3183**, and the grayscale version is **43.5920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3576, 0.3421, 0.3372**, and **19.4552, 0.3630, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **36.3312, 0.3773, 0.3447**, and if you desaturate by 10%, it is **49.6511, 0.3314, 0.3343**.

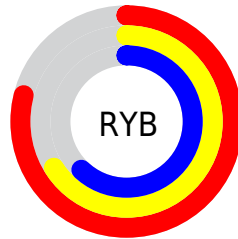
Distribution



Red (79%)

Green (65%)

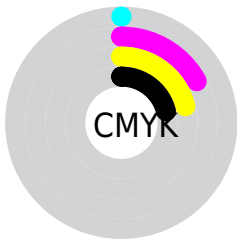
Blue (62%)



Red (79%)

Yellow (66%)

Blue (62%)

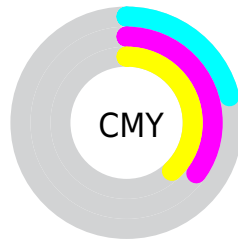


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5581, 0.3522, 0.3394 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 42.5581, 0.3522, 0.3394 by changing the saturation by 10% instead.


 42.5581, 0.3522,
0.3394

 42.5581, 0.3522,
0.3394


356.7913, 0.3320,
0.3344

 29.5385, 0.3574,
0.3406


 79.0436, 0.3448,
0.3376

 19.4886, 0.3641,
0.3420


 103.2783, 0.3420,
0.3370

 12.0239, 0.3732,
0.3439


132.0202, 0.3397,
0.3364

 6.7599, 0.3863,
0.3462

165.6537, 0.3377,
0.3359

 3.3124, 0.4063,
0.3493

204.5632, 0.3360,
0.3355

 1.2969, 0.4427,
0.3546

249.1330, 0.3345,

 0.1388, 0.7446,

0.3351

0.2554

299.7476, 0.3332,
0.3347

0.0000, 0.0000,
0.0000

42.5581, 0.3522,
0.3394

42.5581, 0.3522,
0.3394

36.3312, 0.3773,
0.3447

49.6511, 0.3314,
0.3343

30.9315, 0.4073,
0.3500

57.6357, 0.3141,
0.3294

26.3256, 0.4423,
0.3547

66.5437, 0.2999,
0.3250

22.4755, 0.4817,
0.3581

76.4033, 0.2881,
0.3209

19.3403, 0.5234,
0.3593

86.9506, 0.2806,
0.3219

■ 16.8748, 0.5637,
0.3575

■ 91.1587, 0.2811,
0.3289

■ 15.0286, 0.5975,
0.3523

■ 13.8334, 0.6200,
0.3459

Harmonies

Analogous

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



42.5581, 0.3416, 0.3219



42.5581, 0.3522, 0.3394



42.5581, 0.3517, 0.3549

Triad

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



42.5581, 0.3522, 0.3394



42.5581, 0.3015, 0.3531



42.5581, 0.2850, 0.2950

Complementary

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



42.5581, 0.3522, 0.3394



49.7102, 0.2811, 0.3183

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.



42.5581, 0.2750, 0.3019



42.5581, 0.3522, 0.3394



42.5581, 0.2843, 0.3354

Square

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



42.5581, 0.3522, 0.3394



42.5581, 0.3220, 0.3638



42.5581, 0.2748, 0.3165



42.5581, 0.3024, 0.2969

Rectangle

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



42.5581, 0.3522, 0.3394



42.5581, 0.3453, 0.3620



42.5581, 0.2748, 0.3165



42.5581, 0.2807, 0.2963

Sweetspot

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



42.5600, 0.3522, 0.3394



91.4111, 0.3226, 0.3319



41.0663, 0.3219, 0.2865



19.3731, 0.3238, 0.3322



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



42.5600, 0.3522, 0.3394



67.9537, 0.3628, 0.3418



50.7567, 0.3471, 0.3650



10.9598, 0.3285, 0.3335



8.7988, 0.6179, 0.3476



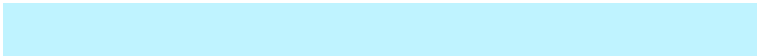
0.5179, 0.5786, 0.3788

Inverse Universe

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



49.7102, 0.2811, 0.3183



82.3149, 0.2747, 0.3158



41.1958, 0.2792, 0.2902



11.7094, 0.2984, 0.3245



19.1507, 0.2076, 0.2671



0.9980, 0.2115, 0.2814

Previews

White Background



This preview shows how the Yxy color 42.5581, 0.3522, 0.3394 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 42.5581, 0.3522, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

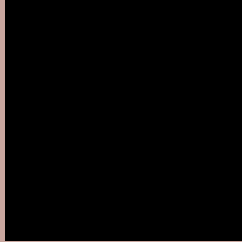
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5581, 0.3522, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 42.5581, 0.3522, 0.3394.



This preview shows how white text looks on a background with the Yxy color 42.5581, 0.3522, 0.3394.

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

42.5581, 0.3522, 0.3394

Protanopia

42.7402, 0.3283, 0.3439

Deuteranopia

42.3788, 0.3481, 0.3408



Tritanopia

42.4218, 0.3380, 0.3128

Trichromacy



Original Color

42.5581, 0.3522, 0.3394

Protanomaly

42.4258, 0.3362, 0.3410

Deuteranomaly

42.5142, 0.3490, 0.3407

Tritanomaly

42.3691, 0.3433, 0.3228

Monochromacy



Original Color

42.5581, 0.3522, 0.3394

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1037, 0.3261, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5581, 0.3522, 0.3394 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(201, 167, 159)` looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 159)  
}
```

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(201, 167, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.5581, 0.3522, 0.3394 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(201, 167, 159) }
```

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

```
.border{ border-color:rgb(201, 167, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 167, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 167, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 167, 159); box-shadow:4px 4px 4px 4px rgb(201, 167, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5581, 0.3522, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 159) }
```

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

```
.background{ background-color: rgb(201,  
167, 159) }
```

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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