

Converting Colors

Yxy(41.5614, 0.3463, 0.3412)

Have a look what the booklet for
Yxy(41.5614, 0.3463, 0.3412)
contains.

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Color

Yxy(41.5754, 0.3463, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	C2A79E
RGB	194, 167, 158
RGB Percent	76%, 65%, 62%
CMY	0.2393, 0.3450, 0.3804
CMYK	0.00, 0.14, 0.19, 0.24
HSL	15°, 23%, 69%
HSV	15°, 19%, 76%
XYZ	42.2340, 41.5754, 38.1484
YIQ	174.0470, 18.9810, 2.9250

Conversions

Conversions Part 2

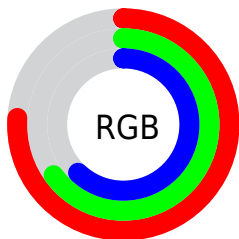
Format	Color
RYB	194, 170, 158
Decimal	12756894
CIELab	70.58, 8.37, 8.28
CIELCh	71, 11.768, 44.691
Yxy	41.5754, 0.3463, 0.3409
Android (android.graphics.Color)	4290946974 (0xFFC2A79E)
YUV	174.0470, -7.9112, 17.4988
Hunter-Lab	64.4790, 4.0799, 10.0569

Details

The Yxy color **41.5754, 0.3463, 0.3409** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8480, 0.2845, 0.3168**, and the grayscale version is **42.3869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5559, 0.3398, 0.3383**, and **18.8985, 0.3562, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **35.9293, 0.3696, 0.3478**, and if you desaturate by 10%, it is **47.9297, 0.3268, 0.3343**.

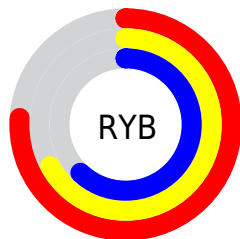
Distribution



Red (76%)

Green (65%)

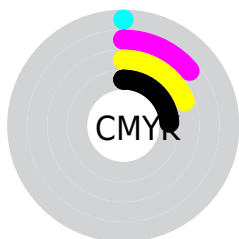
Blue (62%)



Red (76%)

Yellow (67%)

Blue (62%)

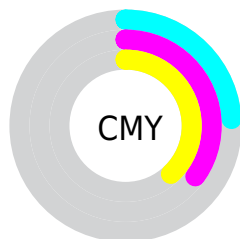


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5754, 0.3463, 0.3409 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 41.5754, 0.3463, 0.3409 by changing the saturation by 10% instead.


 41.5754, 0.3463,
0.3409

 41.5754, 0.3463,
0.3409


352.7198, 0.3291,
0.3351

 28.7690, 0.3507,
0.3423


 77.5566, 0.3399,
0.3388

 18.9061, 0.3565,
0.3441


 101.5002, 0.3376,
0.3380

 11.6025, 0.3644,
0.3465


129.9249, 0.3356,
0.3373

 6.4736, 0.3756,
0.3497

163.2152, 0.3339,
0.3367

 3.1351, 0.3931,
0.3541

201.7554, 0.3325,
0.3362

 1.2027, 0.4265,
0.3632

245.9300, 0.3312,

 0.0639, 0.8057,

0.3358

0.1943

296.1233, 0.3301,
0.3354

0.0000, 0.0000,
0.0000

41.5754, 0.3463,
0.3409

41.5754, 0.3463,
0.3409

35.9293, 0.3696,
0.3478

47.9297, 0.3268,
0.3343

30.9611, 0.3971,
0.3547

55.0100, 0.3105,
0.3281

26.6465, 0.4291,
0.3611

62.8405, 0.2969,
0.3224

22.9577, 0.4652,
0.3663

71.4426, 0.2855,
0.3173

19.8647, 0.5040,
0.3692

80.8366, 0.2759,
0.3125

■ 17.3350, 0.5427,
0.3689

■ 89.7299, 0.2772,
0.3281

■ 15.3325, 0.5774,
0.3644

■ 90.2061, 0.2773,
0.3289

■ 13.8134, 0.6045,
0.3564

■ 13.6276, 0.6081,
0.3553

Harmonies

Analogous

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



41.5754, 0.3394, 0.3263



41.5754, 0.3463, 0.3409



41.5754, 0.3439, 0.3530

Triad

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



41.5754, 0.3463, 0.3409



41.5754, 0.2999, 0.3462



41.5754, 0.2923, 0.3002

Complementary

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



41.5754, 0.3463, 0.3409



45.8480, 0.2845, 0.3168

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.



41.5754, 0.2823, 0.3046



41.5754, 0.3463, 0.3409



41.5754, 0.2866, 0.3310

Square

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



41.5754, 0.3463, 0.3409



41.5754, 0.3169, 0.3566



41.5754, 0.2803, 0.3156



41.5754, 0.3078, 0.3033

Rectangle

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



41.5754, 0.3463, 0.3409



41.5754, 0.3374, 0.3578



41.5754, 0.2803, 0.3156



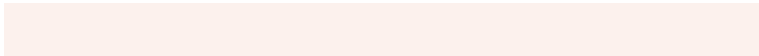
41.5754, 0.2882, 0.3008

Sweetspot

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



41.5773, 0.3463, 0.3409



89.8793, 0.3225, 0.3327



39.4237, 0.3229, 0.2945



19.5009, 0.3237, 0.3332



0.0000, 0.0000, 0.0000



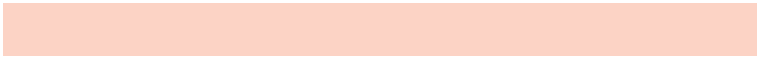
21.4041, 0.3127, 0.3290

Same Dimension

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



41.5773, 0.3463, 0.3409



71.3057, 0.3547, 0.3435



48.6258, 0.3422, 0.3637



10.4786, 0.3283, 0.3348



9.0740, 0.6059, 0.3571



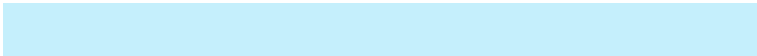
0.5060, 0.5608, 0.3930

Inverse Universe

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



45.8480, 0.2845, 0.3168



80.3799, 0.2788, 0.3140



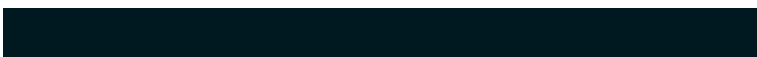
38.8002, 0.2832, 0.2918



10.9874, 0.2984, 0.3231



16.0946, 0.2019, 0.2467



0.7994, 0.2076, 0.2672

Previews

White Background



This preview shows how the Yxy color 41.5754, 0.3463, 0.3409 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 41.5754, 0.3463, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

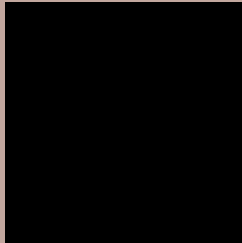
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5754, 0.3463, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 41.5754, 0.3463, 0.3409.



This preview shows how white text looks on a background with the Yxy color 41.5754, 0.3463, 0.3409.

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

41.5754, 0.3463, 0.3409

Protanopia

41.6620, 0.3285, 0.3440

Deuteranopia

41.7082, 0.3473, 0.3409



Tritanopia

41.4610, 0.3314, 0.3124

Trichromacy



Original Color

41.5754, 0.3463, 0.3409

Protanomaly

41.4779, 0.3343, 0.3425

Deuteranomaly

41.7082, 0.3473, 0.3409

Tritanomaly

41.4146, 0.3366, 0.3226

Monochromacy



Original Color

41.5754, 0.3463, 0.3409

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7767, 0.3244, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5754, 0.3463, 0.3409 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(194, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 158)  
}
```

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(194, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.5754, 0.3463, 0.3409 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(194, 167, 158) }
```

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

```
.border{ border-color:rgb(194, 167, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 158);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5754, 0.3463, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 158) }
```

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

```
.background{ background-color: rgb(194,  
167, 158) }
```

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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