

Converting Colors

$Yxy(41.3116, 0.3594, 0.3343)$

Have a look what the booklet for
Yxy(41.3116, 0.3594, 0.3343)
contains.

Yxy(41.4311, 0.3593, 0.3342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.4311, 0.3593, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	CEA29E
RGB	206, 162, 158
RGB Percent	81%, 64%, 62%
CMY	0.1922, 0.3647, 0.3804
CMYK	0.00, 0.21, 0.23, 0.19
HSL	5°, 33%, 71%
HSV	5°, 23%, 81%
XYZ	44.5428, 41.4311, 37.9971
YIQ	174.7000, 27.5080, 8.0840

Conversions

Conversions Part 2

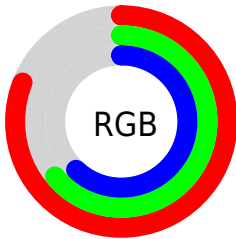
Format	Color
R _Y B	206, 162, 158
Decimal	13542046
CIE Lab	70.48, 15.63, 8.29
CIE LCh	70, 17.691, 27.945
Yxy	41.4311, 0.3593, 0.3342
Android (android.graphics.Color)	4291732126 (0xFFCEA29E)
YUV	174.7000, -8.2331, 27.4501
Hunter-Lab	64.3670, 10.8820, 10.0568

Details

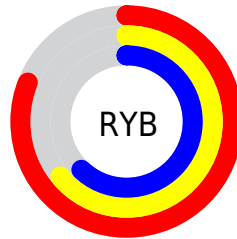
The Yxy color **41.4311, 0.3593, 0.3342** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9556, 0.2781, 0.3237**, and the grayscale version is **42.7399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6898, 0.3436, 0.3331**, and **18.7927, 0.3734, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **34.6225, 0.3873, 0.3366**, and if you desaturate by 10%, it is **49.3608, 0.3365, 0.3319**.

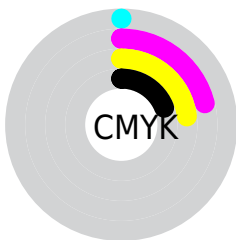
Distribution



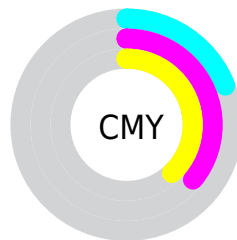
- Red (81%)
- Green (64%)
- Blue (62%)



- Red (81%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4311, 0.3593, 0.3342 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 41.4311, 0.3593, 0.3342 by changing the saturation by 10% instead.


 41.4311, 0.3593,
0.3342

 41.4311, 0.3593,
0.3342


352.1192, 0.3354,
0.3320

 28.6561, 0.3655,
0.3346


 77.3379, 0.3504,
0.3335

 18.8208, 0.3736,
0.3351


 101.2385, 0.3472,
0.3332

 11.5409, 0.3845,
0.3357


129.6163, 0.3444,
0.3329

 6.4319, 0.4002,
0.3361

162.8559, 0.3421,
0.3327

 3.1094, 0.4245,
0.3361

201.3416, 0.3400,
0.3325

 1.1891, 0.4701,
0.3365

245.4578, 0.3383,

 0.0528, 0.8910,

0.3323

0.1090

295.5888, 0.3367,
0.3321

0.0000, 0.0000,
0.0000

41.4311, 0.3593,
0.3342

41.4311, 0.3593,
0.3342

34.6225, 0.3873,
0.3366

49.3608, 0.3365,
0.3319

28.8791, 0.4211,
0.3389

58.4529, 0.3180,
0.3297

24.1485, 0.4609,
0.3408

68.7538, 0.3030,
0.3277

20.3720, 0.5052,
0.3419

80.3055, 0.2908,
0.3259

17.4846, 0.5508,
0.3417

91.8600, 0.2838,
0.3289

■ 15.4132, 0.5917,
0.3399

■ 14.0730, 0.6215,
0.3365

■ 13.5274, 0.6344,
0.3345

Harmonies

Analogous

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



41.4311, 0.3419, 0.3130



41.4311, 0.3593, 0.3342



41.4311, 0.3636, 0.3551

Triad

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



41.4311, 0.3593, 0.3342



41.4311, 0.3071, 0.3655



41.4311, 0.2726, 0.2882

Complementary

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



41.4311, 0.3593, 0.3342



53.9556, 0.2781, 0.3237

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.



41.4311, 0.2642, 0.3001



41.4311, 0.3593, 0.3342



41.4311, 0.2836, 0.3452

Square

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



41.4311, 0.3593, 0.3342



41.4311, 0.3328, 0.3746



41.4311, 0.2682, 0.3209



41.4311, 0.2914, 0.2871

Rectangle

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



41.4311, 0.3593, 0.3342



41.4311, 0.3585, 0.3662



41.4311, 0.2682, 0.3209



41.4311, 0.2685, 0.2910

Sweetspot

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



41.4330, 0.3593, 0.3342



88.9064, 0.3246, 0.3305



41.8378, 0.3189, 0.2760



18.8347, 0.3257, 0.3306



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.



41.4330, 0.3593, 0.3342



61.3429, 0.3727, 0.3354



50.7035, 0.3527, 0.3637



11.3618, 0.3288, 0.3310



8.3900, 0.6330, 0.3356



0.4862, 0.6116, 0.3526

Inverse Universe

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



53.9556, 0.2781, 0.3237



85.1337, 0.2712, 0.3225



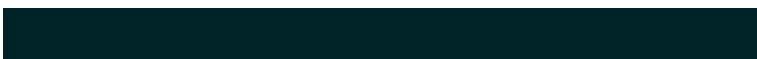
43.5638, 0.2756, 0.2917



12.5604, 0.2984, 0.3270



25.1685, 0.2175, 0.3029



1.3468, 0.2190, 0.3083

Previews

White Background



This preview shows how the Yxy color 41.4311, 0.3593, 0.3342 looks on a white background.

Color Contrast Check

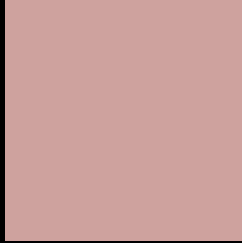
Large Text (above 18pt) WCAG AA × Fail

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 41.4311, 0.3593, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

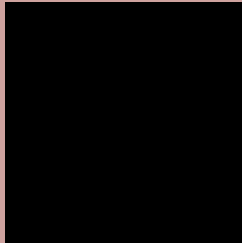
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4311, 0.3593, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 41.4311, 0.3593, 0.3342.



This preview shows how white text looks on a background with the Yxy color 41.4311, 0.3593, 0.3342.

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

41.4311, 0.3593, 0.3342

Protanopia

41.6144, 0.3258, 0.3413

Deuteranopia

41.3089, 0.3485, 0.3409



Tritanopia

41.5301, 0.3482, 0.3142

Trichromacy



Original Color

41.4311, 0.3593, 0.3342

Protanomaly

41.2698, 0.3376, 0.3384

Deuteranomaly

41.4867, 0.3526, 0.3395

Tritanomaly

41.5452, 0.3519, 0.3216

Monochromacy



Original Color

41.4311, 0.3593, 0.3342

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0531, 0.3283, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4311, 0.3593, 0.3342 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(206, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 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(206, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.4311, 0.3593, 0.3342 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(206, 162, 158) }
```

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

```
.border{ border-color:rgb(206, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(206, 162,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4311, 0.3593, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 158) }
```

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

```
.background{ background-color: rgb(206,  
162, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor