

Converting Colors

$Yxy(40.2843, 0.3524, 0.3206)$

Have a look what the booklet for
Yxy(40.2843, 0.3524, 0.3206)
contains.

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Color

Yxy(40.1495, 0.3525, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	CD9EA5
RGB	205, 158, 165
RGB Percent	80%, 62%, 65%
CMY	0.1962, 0.3803, 0.3530
CMYK	0.00, 0.23, 0.19, 0.20
HSL	351°, 32%, 71%
HSV	351°, 23%, 80%
XYZ	44.1858, 40.1495, 41.0144
YIQ	172.8510, 25.7650, 12.1410

Conversions

Conversions Part 2

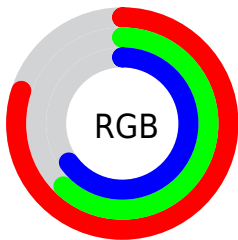
Format	Color
R_{YB}	205, 158, 165
Decimal	13475493
CIE Lab	69.58, 18.47, 3.10
CIE LCh	70, 18.731, 9.540
Yxy	40.1495, 0.3525, 0.3203
Android (android.graphics.Color)	4291665573 (0xFFCD9EA5)
YUV	172.8510, -3.8705, 28.1947
Hunter-Lab	63.3636, 13.5882, 5.9769

Details

The Yxy color **40.1495, 0.3525, 0.3203** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.9903, 0.2834, 0.3380**, and the grayscale version is **41.7191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0158, 0.3391, 0.3220**, and **17.9844, 0.3653, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **33.1386, 0.3769, 0.3163**, and if you desaturate by 10%, it is **48.4169, 0.3327, 0.3242**.

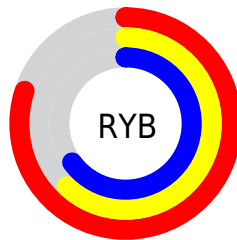
Distribution



Red (80%)

Green (62%)

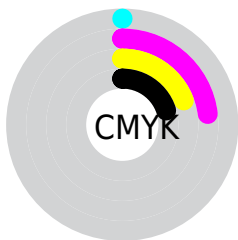
Blue (65%)



Red (80%)

Yellow (62%)

Blue (65%)

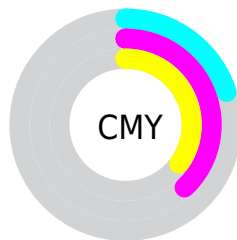


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1495, 0.3525, 0.3203 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 40.1495, 0.3525, 0.3203 by changing the saturation by 10% instead.


 40.1495, 0.3525,
0.3203


 40.1495, 0.3525,
0.3203


346.7533, 0.3320,
0.3249

 27.6551, 0.3578,
0.3190

 75.3911, 0.3449,
0.3221

 18.0658, 0.3647,
0.3174


 98.9071, 0.3421,
0.3227

 10.9973, 0.3742,
0.3150


126.8658, 0.3398,
0.3232

 6.0650, 0.3878,
0.3116

159.6516, 0.3377,
0.3237

 2.8846, 0.4090,
0.3059

197.6489, 0.3360,
0.3241

 1.0718, 0.4466,
0.2952

241.2419, 0.3345,

 0.0000, 1.0000,

0.3244

0.0000

290.8153, 0.3332,
0.3247

0.0000, 0.0000,
0.0000

40.1495, 0.3525,
0.3203

40.1495, 0.3525,
0.3203

33.1386, 0.3769,
0.3163

48.4169, 0.3327,
0.3242

27.3173, 0.4068,
0.3124

57.9924, 0.3167,
0.3280

22.6212, 0.4423,
0.3092

68.9312, 0.3039,
0.3314

18.9772, 0.4829,
0.3072

81.2840, 0.2934,
0.3346

16.3037, 0.5263,
0.3073

91.5374, 0.2846,
0.3318

■ 14.5072, 0.5680,
0.3099

■ 91.7130, 0.2832,
0.3289

■ 13.4754, 0.6026,
0.3152

■ 13.0690, 0.6209,
0.3194

Harmonies

Analogous

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



40.1495, 0.3278, 0.3000



40.1495, 0.3525, 0.3203



40.1495, 0.3662, 0.3434

Triad

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



40.1495, 0.3525, 0.3203



40.1495, 0.3237, 0.3759



40.1495, 0.2629, 0.2919

Complementary

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



40.1495, 0.3525, 0.3203



54.9903, 0.2834, 0.3380

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.



40.1495, 0.2620, 0.3108



40.1495, 0.3525, 0.3203



40.1495, 0.2963, 0.3608

Square

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



40.1495, 0.3525, 0.3203



40.1495, 0.3489, 0.3766



40.1495, 0.2740, 0.3363



40.1495, 0.2764, 0.2836

Rectangle

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



40.1495, 0.3525, 0.3203



40.1495, 0.3670, 0.3578



40.1495, 0.2740, 0.3363



40.1495, 0.2611, 0.2971

Sweetspot

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



40.1513, 0.3525, 0.3203



88.1947, 0.3230, 0.3264



40.8621, 0.3090, 0.2714



18.6706, 0.3240, 0.3262



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.



40.1513, 0.3525, 0.3203



60.4436, 0.3627, 0.3185



45.8890, 0.3549, 0.3497



11.2404, 0.3267, 0.3256



8.1485, 0.6182, 0.3179



0.4293, 0.5710, 0.2919

Inverse Universe

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



40.1513, 0.3525, 0.3203



60.4436, 0.3627, 0.3185



47.8708, 0.2774, 0.3073



11.2404, 0.3267, 0.3256



8.1485, 0.6182, 0.3179



0.4293, 0.5710, 0.2919

Previews

White Background



This preview shows how the Yxy color 40.1495, 0.3525, 0.3203 looks on a white background.

Color Contrast Check

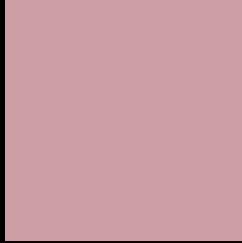
Large Text (above 18pt) WCAG AA × Fail

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 40.1495, 0.3525, 0.3203 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 40.1495, 0.3525, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 40.1495, 0.3525, 0.3203.



This preview shows how white text looks on a background with the Yxy color 40.1495, 0.3525, 0.3203.

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

40.1495, 0.3525, 0.3203

Protanopia

40.2004, 0.3147, 0.3263

Deuteranopia

40.4094, 0.3364, 0.3304



Tritanopia

39.9577, 0.3488, 0.3140

Trichromacy



Original Color

40.1495, 0.3525, 0.3203

Protanomaly

40.0891, 0.3280, 0.3237

Deuteranomaly

40.1231, 0.3428, 0.3265

Tritanomaly

39.9202, 0.3498, 0.3152

Monochromacy



Original Color

40.1495, 0.3525, 0.3203

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2218, 0.3267, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1495, 0.3525, 0.3203 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(205, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(205, 158, 165)  
}
```

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(205, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 158, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.1495, 0.3525, 0.3203 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(205, 158, 165) }
```

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

```
.border{ border-color:rgb(205, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(205, 158,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1495, 0.3525, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 158, 165) }
```

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

```
.background{ background-color: rgb(205,  
158, 165) }
```

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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