

Converting Colors

$Y_{xy}(41.0063, 0.3793, 0.3324)$

Have a look what the booklet for
Yxy(41.0063, 0.3793, 0.3324)
contains.

Yxy(41.1369, 0.3791, 0.3328)	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(41.1369, 0.3791, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	DB9C99
RGB	219, 156, 153
RGB Percent	86%, 61%, 60%
CMY	0.1410, 0.3883, 0.4000
CMYK	0.00, 0.29, 0.30, 0.14
HSL	3°, 48%, 73%
HSV	3°, 30%, 86%
XYZ	46.8600, 41.1369, 35.6116
YIQ	174.4950, 38.5110, 12.4230

Conversions

Conversions Part 2

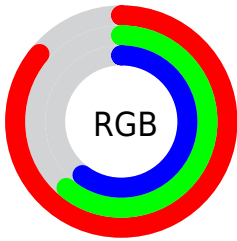
Format	Color
R _Y B	219, 156, 153
Decimal	14392473
CIE Lab	70.27, 23.13, 10.95
CIE LCh	70, 25.593, 25.324
Yxy	41.1369, 0.3791, 0.3328
Android (android.graphics.Color)	4292582553 (0xFFDB9C99)
YUV	174.4950, -10.5970, 39.0309
Hunter-Lab	64.1381, 18.1725, 11.9768

Details

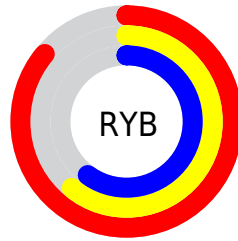
The Yxy color **41.1369, 0.3791, 0.3328** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.0305, 0.2691, 0.3252**, and the grayscale version is **42.6380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3535, 0.3490, 0.3332**, and **18.6465, 0.4003, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **34.0554, 0.4121, 0.3341**, and if you desaturate by 10%, it is **49.5637, 0.3522, 0.3315**.

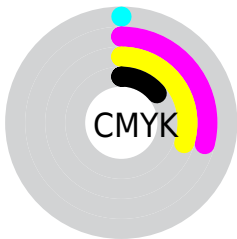
Distribution



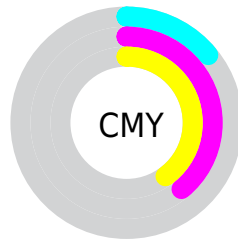
- Red (86%)
- Green (61%)
- Blue (60%)



- Red (86%)
- Yellow (61%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1369, 0.3791, 0.3328 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 41.1369, 0.3791, 0.3328 by changing the saturation by 10% instead.

 41.1369, 0.3791,
0.3328

 41.1369, 0.3791,
0.3328


350.8925, 0.3449,
0.3316

 28.4261, 0.3879,
0.3328


 76.8917, 0.3664,
0.3326

 18.6471, 0.3995,
0.3327


 100.7044, 0.3618,
0.3324

 11.4156, 0.4151,
0.3323


128.9866, 0.3578,
0.3323

 6.3471, 0.4374,
0.3311

162.1225, 0.3545,
0.3321

 3.0572, 0.4716,
0.3280

200.4967, 0.3516,
0.3320

 1.1617, 0.5413,
0.3260

244.4935, 0.3491,

 0.0301, 0.9517,

0.3319

0.0483

294.4973, 0.3468,
0.3318

0.0000, 0.0000,
0.0000

41.1369, 0.3791,
0.3328

41.1369, 0.3791,
0.3328

34.0554, 0.4121,
0.3341

49.5637, 0.3522,
0.3315

28.2442, 0.4514,
0.3353

59.3941, 0.3304,
0.3302

23.6297, 0.4962,
0.3360

70.6903, 0.3129,
0.3290

20.1288, 0.5431,
0.3361

83.5087, 0.2989,
0.3279

17.6472, 0.5866,
0.3353

93.8054, 0.2912,
0.3289

■ 16.0756, 0.6193,
0.3336

■ 15.2799, 0.6374,
0.3321

Harmonies

Analogous

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



41.1369, 0.3520, 0.3035



41.1369, 0.3791, 0.3328



41.1369, 0.3871, 0.3629

Triad

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



41.1369, 0.3791, 0.3328



41.1369, 0.3072, 0.3850



41.1369, 0.2536, 0.2714

Complementary

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



41.1369, 0.3791, 0.3328



61.0305, 0.2691, 0.3252

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.



41.1369, 0.2435, 0.2888



41.1369, 0.3791, 0.3328



41.1369, 0.2731, 0.3557

Square

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



41.1369, 0.3791, 0.3328



41.1369, 0.3442, 0.3961



41.1369, 0.2503, 0.3194



41.1369, 0.2790, 0.2690

Rectangle

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



41.1369, 0.3791, 0.3328



41.1369, 0.3804, 0.3800



41.1369, 0.2503, 0.3194



41.1369, 0.2484, 0.2755

Sweetspot

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



41.1388, 0.3791, 0.3328



85.4151, 0.3284, 0.3301



42.8526, 0.3181, 0.2566



17.8124, 0.3312, 0.3302



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.



41.1388, 0.3791, 0.3328



51.6739, 0.3987, 0.3336



53.4277, 0.3679, 0.3708



13.1452, 0.3291, 0.3301



9.0997, 0.6366, 0.3328



0.6235, 0.6261, 0.3410

Inverse Universe

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



61.0305, 0.2691, 0.3252



83.9343, 0.2614, 0.3243



46.0967, 0.2643, 0.2831



14.7236, 0.2982, 0.3279



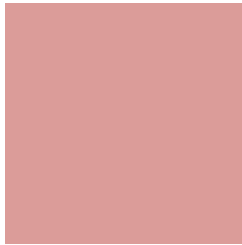
30.1523, 0.2208, 0.3149



1.9852, 0.2215, 0.3174

Previews

White Background



This preview shows how the Yxy color 41.1369, 0.3791, 0.3328 looks on a white background.

Color Contrast Check

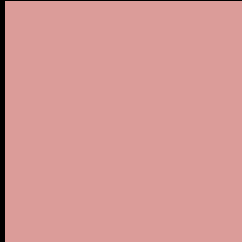
Large Text (above 18pt) WCAG AA × Fail

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 41.1369, 0.3791, 0.3328 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 41.1369, 0.3791, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 41.1369, 0.3791, 0.3328.



This preview shows how white text looks on a background with the Yxy color 41.1369, 0.3791, 0.3328.

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

41.1369, 0.3791, 0.3328

Protanopia

41.5432, 0.3275, 0.3441

Deuteranopia

41.2426, 0.3551, 0.3488



Tritanopia

41.0800, 0.3674, 0.3148

Trichromacy



Original Color

41.1369, 0.3791, 0.3328

Protanomaly

41.0785, 0.3456, 0.3396

Deuteranomaly

40.9450, 0.3632, 0.3419

Tritanomaly

41.2315, 0.3722, 0.3220

Monochromacy



Original Color

41.1369, 0.3791, 0.3328

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.3378, 0.3352, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1369, 0.3791, 0.3328 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(219, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(219, 156, 153)  
}
```

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(219, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 156, 153) }
```

Border

The CSS property to change the border of an element to Yxy 41.1369, 0.3791, 0.3328 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(219, 156, 153) }
```

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

```
.border{ border-color:rgb(219, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(219, 156,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1369, 0.3791, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 156, 153) }
```

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

```
.background{ background-color: rgb(219,  
156, 153) }
```

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