

Converting Colors

$Yxy(41.9472, 0.3839, 0.3347)$

Have a look what the booklet for
Yxy(41.9472, 0.3839, 0.3347)
contains.

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Color

Yxy(42.0689, 0.3837, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	DF9D98
RGB	223, 157, 152
RGB Percent	87%, 62%, 60%
CMY	0.1255, 0.3843, 0.4040
CMYK	0.00, 0.30, 0.32, 0.13
HSL	4°, 53%, 74%
HSV	4°, 32%, 87%
XYZ	48.1558, 42.0689, 35.2791
YIQ	176.1640, 40.9410, 12.4370

Conversions

Conversions Part 2

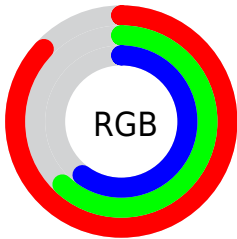
Format	Color
R _Y B	223, 157, 152
Decimal	14654872
CIE Lab	70.92, 23.95, 12.49
CIE LCh	71, 27.016, 27.542
Yxy	42.0689, 0.3837, 0.3352
Android (android.graphics.Color)	4292844952 (0xFFDF9D98)
YUV	176.1640, -11.9129, 41.0752
Hunter-Lab	64.8605, 19.0217, 13.1532

Details

The Yxy color **42.0689, 0.3837, 0.3352** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.1349, 0.2666, 0.3227**, and the grayscale version is **43.5540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8032, 0.3496, 0.3352**, and **19.1497, 0.4053, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **34.9798, 0.4172, 0.3372**, and if you desaturate by 10%, it is **50.4886, 0.3561, 0.3332**.

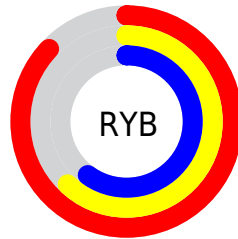
Distribution



Red (87%)

Green (62%)

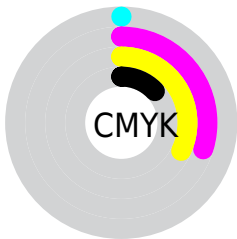
Blue (60%)



Red (87%)

Yellow (62%)

Blue (60%)

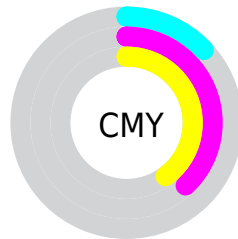


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0689, 0.3837, 0.3352 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 42.0689, 0.3837, 0.3352 by changing the saturation by 10% instead.


 42.0689, 0.3837,
0.3352

 42.0689, 0.3837,
0.3352


354.7685, 0.3472,
0.3330

 29.1552, 0.3931,
0.3355


 78.3039, 0.3702,
0.3346

 19.1983, 0.4053,
0.3356


 102.3940, 0.3652,
0.3343

 11.8136, 0.4217,
0.3355


130.9784, 0.3611,
0.3340

 6.6169, 0.4450,
0.3347

164.4415, 0.3575,
0.3338

 3.2237, 0.4805,
0.3319

203.1677, 0.3544,
0.3336

 1.2496, 0.5521,
0.3308

247.5413, 0.3517,

 0.1017, 0.8702,

0.3333

0.1298

297.9467, 0.3493,
0.3331

0.0000, 0.0000,
0.0000

42.0689, 0.3837,
0.3352

42.0689, 0.3837,
0.3352

34.9798, 0.4172,
0.3372

50.4886, 0.3561,
0.3332

29.1477, 0.4569,
0.3389

60.2958, 0.3337,
0.3312

24.5009, 0.5015,
0.3399

71.5513, 0.3157,
0.3293

20.9579, 0.5477,
0.3398

84.3106, 0.3010,
0.3276

18.4272, 0.5897,
0.3384

94.4289, 0.2935,
0.3289

■ 16.8024, 0.6208,
0.3356

■ 16.0528, 0.6358,
0.3334

Harmonies

Analogous

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



42.0689, 0.3564, 0.3044



42.0689, 0.3837, 0.3352



42.0689, 0.3903, 0.3665

Triad

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



42.0689, 0.3837, 0.3352



42.0689, 0.3040, 0.3861



42.0689, 0.2524, 0.2680

Complementary

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



42.0689, 0.3837, 0.3352



62.1349, 0.2666, 0.3227

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.



42.0689, 0.2406, 0.2849



42.0689, 0.3837, 0.3352



42.0689, 0.2690, 0.3542

Square

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



42.0689, 0.3837, 0.3352



42.0689, 0.3428, 0.3993



42.0689, 0.2464, 0.3161



42.0689, 0.2798, 0.2668

Rectangle

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



42.0689, 0.3837, 0.3352



42.0689, 0.3822, 0.3839



42.0689, 0.2464, 0.3161



42.0689, 0.2466, 0.2719

Sweetspot

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



42.0709, 0.3837, 0.3352



84.2671, 0.3302, 0.3308



43.2154, 0.3205, 0.2549



17.5982, 0.3330, 0.3311



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.



42.0709, 0.3837, 0.3352



50.6258, 0.4046, 0.3365



55.7549, 0.3708, 0.3759



13.8554, 0.3290, 0.3307



9.4982, 0.6346, 0.3343



0.7138, 0.6196, 0.3462

Inverse Universe

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



62.1349, 0.2666, 0.3227



81.7237, 0.2586, 0.3212



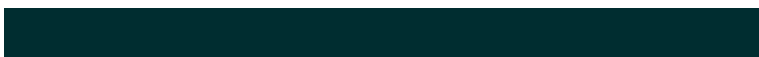
45.7690, 0.2610, 0.2769



15.3976, 0.2982, 0.3273



29.5064, 0.2186, 0.3068



2.0957, 0.2196, 0.3105

Previews

White Background



This preview shows how the Yxy color 42.0689, 0.3837, 0.3352 looks on a white background.

Color Contrast Check

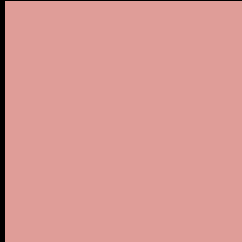
Large Text (above 18pt) WCAG AA × Fail

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 42.0689, 0.3837, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

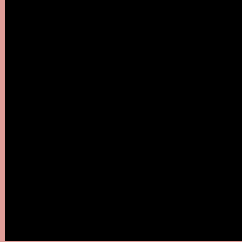
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0689, 0.3837, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 42.0689, 0.3837, 0.3352.



This preview shows how white text looks on a background with the Yxy color 42.0689, 0.3837, 0.3352.

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

42.0689, 0.3837, 0.3352

Protanopia

42.1285, 0.3301, 0.3467

Deuteranopia

41.9816, 0.3586, 0.3511



Tritanopia

42.0800, 0.3701, 0.3150

Trichromacy



Original Color

42.0689, 0.3837, 0.3352

Protanomaly

41.8075, 0.3492, 0.3421

Deuteranomaly

41.8386, 0.3678, 0.3443

Tritanomaly

42.2329, 0.3748, 0.3221

Monochromacy



Original Color

42.0689, 0.3837, 0.3352

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5034, 0.3368, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0689, 0.3837, 0.3352 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(223, 157, 152)` looks like.

```
.text, #text, p{  
    color:rgb(223, 157, 152)  
}
```

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(223, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 157, 152) }
```

Border

The CSS property to change the border of an element to Yxy 42.0689, 0.3837, 0.3352 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(223, 157, 152) }
```

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

```
.border{ border-color:rgb(223, 157, 152) }
```

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

Here you see how a box with a 4 pixel rgb(223, 157, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(223, 157,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0689, 0.3837, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 157, 152) }
```

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

```
.background{ background-color: rgb(223,  
157, 152) }
```

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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