

Converting Colors

$Yxy(42.6022, 0.3729, 0.3402)$

Have a look what the booklet for
Yxy(42.6022, 0.3729, 0.3402)
contains.

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Color

Yxy(42.5876, 0.3730, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	D7A299
RGB	215, 162, 153
RGB Percent	84%, 64%, 60%
CMY	0.1569, 0.3647, 0.3999
CMYK	0.00, 0.25, 0.29, 0.16
HSL	9°, 44%, 72%
HSV	9°, 29%, 84%
XYZ	46.6936, 42.5876, 35.9028
YIQ	176.8210, 34.4770, 8.4370

Conversions

Conversions Part 2

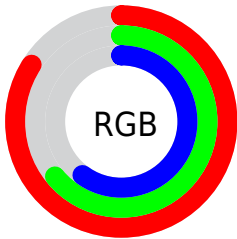
Format	Color
R _Y B	215, 164, 153
Decimal	14131865
CIE Lab	71.27, 18.34, 12.30
CIE LCh	71, 22.087, 33.843
Yxy	42.5876, 0.3730, 0.3402
Android (android.graphics.Color)	4292321945 (0xFFD7A299)
YUV	176.8210, -11.7438, 33.4830
Hunter-Lab	65.2592, 13.5151, 13.0626

Details

The Yxy color $42.5876, 0.3730, 0.3402$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $55.8229, 0.2700, 0.3174$, and the grayscale version is $43.9181, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.3907, 0.3479, 0.3393$, and $19.4821, 0.3914, 0.3423$ is the 20% darker color. If you saturate the color by 10%, you get $35.9324, 0.4031, 0.3443$, and if you desaturate by 10%, it is $50.3213, 0.3481, 0.3361$.

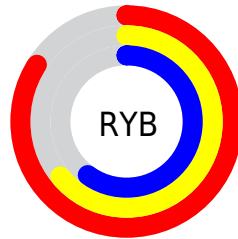
Distribution



Red (84%)

Green (64%)

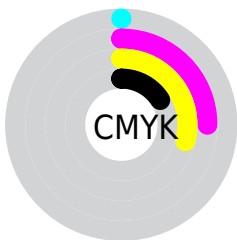
Blue (60%)



Red (84%)

Yellow (64%)

Blue (60%)

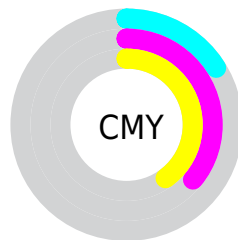


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (16%)



Cyan (16%)


Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5876, 0.3730, 0.3402 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 42.5876, 0.3730, 0.3402 by changing the saturation by 10% instead.


 42.5876, 0.3730,
0.3402


 42.5876, 0.3730,
0.3402

356.9130, 0.3421,
0.3352

 29.5617, 0.3809,
0.3412


 79.0882, 0.3616,
0.3385

 19.5061, 0.3912,
0.3424


 103.3316, 0.3574,
0.3379

 12.0366, 0.4051,
0.3438


132.0830, 0.3538,
0.3373

 6.7686, 0.4248,
0.3451


165.7267, 0.3508,
0.3368

 3.3178, 0.4548,
0.3460

204.6472, 0.3482,
0.3363

 1.2998, 0.5148,
0.3506

249.2288, 0.3459,

 0.1411, 0.8049,

0.3359

0.1951

299.8559, 0.3439,
0.3355

0.0000, 0.0000,
0.0000

42.5876, 0.3730,
0.3402

42.5876, 0.3730,
0.3402

35.9324, 0.4031,
0.3443

50.3213, 0.3481,
0.3361

30.3019, 0.4386,
0.3479

59.1722, 0.3277,
0.3322

25.6467, 0.4792,
0.3506

69.1846, 0.3109,
0.3286

21.9109, 0.5227,
0.3517

80.3984, 0.2972,
0.3253

19.0330, 0.5651,
0.3503

92.4916, 0.2888,
0.3278

■ 16.9435, 0.6009,
0.3463

■ 93.1859, 0.2889,
0.3289

■ 15.5584, 0.6254,
0.3403

■ 15.4358, 0.6277,
0.3398

Harmonies

Analogous

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



42.5876, 0.3541, 0.3140



42.5876, 0.3730, 0.3402



42.5876, 0.3747, 0.3651

Triad

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



42.5876, 0.3730, 0.3402



42.5876, 0.2994, 0.3705



42.5876, 0.2670, 0.2776

Complementary

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



42.5876, 0.3730, 0.3402



55.8229, 0.2700, 0.3174

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.



42.5876, 0.2541, 0.2893



42.5876, 0.3730, 0.3402



42.5876, 0.2721, 0.3431

Square

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



42.5876, 0.3730, 0.3402



42.5876, 0.3312, 0.3850



42.5876, 0.2559, 0.3129



42.5876, 0.2920, 0.2790

Rectangle

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



42.5876, 0.3730, 0.3402



42.5876, 0.3659, 0.3778



42.5876, 0.2559, 0.3129



42.5876, 0.2612, 0.2800

Sweetspot

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



42.5896, 0.3730, 0.3402



86.7232, 0.3281, 0.3323



41.7255, 0.3234, 0.2664



18.1315, 0.3309, 0.3329



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.



42.5896, 0.3730, 0.3402



56.1232, 0.3920, 0.3429



54.5633, 0.3630, 0.3759



12.7086, 0.3288, 0.3324



9.3272, 0.6258, 0.3413



0.6577, 0.5973, 0.3640

Inverse Universe

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



55.8229, 0.2700, 0.3174



78.8354, 0.2612, 0.3145



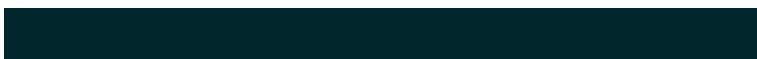
42.6289, 0.2657, 0.2771



13.7864, 0.2983, 0.3255



23.5122, 0.2118, 0.2826



1.5039, 0.2143, 0.2914

Previews

White Background



This preview shows how the Yxy color 42.5876, 0.3730, 0.3402 looks on a white background.

Color Contrast Check

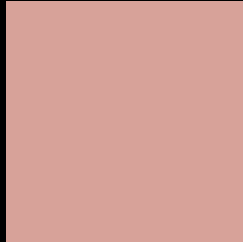
Large Text (above 18pt) WCAG AA × Fail

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 42.5876, 0.3730, 0.3402 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 42.5876, 0.3730, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 42.5876, 0.3730, 0.3402.



This preview shows how white text looks on a background with the Yxy color 42.5876, 0.3730, 0.3402.

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

42.5876, 0.3730, 0.3402

Protanopia

42.7204, 0.3326, 0.3493

Deuteranopia

42.5516, 0.3574, 0.3497



Tritanopia

42.4883, 0.3582, 0.3147

Trichromacy



Original Color

42.5876, 0.3730, 0.3402

Protanomaly

42.6531, 0.3465, 0.3461

Deuteranomaly

42.5186, 0.3629, 0.3469

Tritanomaly

42.4209, 0.3638, 0.3243

Monochromacy



Original Color

42.5876, 0.3730, 0.3402

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4086, 0.3335, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5876, 0.3730, 0.3402 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(215, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(215, 162, 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(215, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 162, 153) }
```

Border

The CSS property to change the border of an element to Yxy 42.5876, 0.3730, 0.3402 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(215, 162, 153) }
```

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

```
.border{ border-color:rgb(215, 162, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(215, 162,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5876, 0.3730, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 162, 153) }
```

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

```
.background{ background-color: rgb(215,  
162, 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](#).

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