

Converting Colors

$Y_{xy}(42.0672, 0.3613, 0.3445)$

Have a look what the booklet for
Yxy(42.0672, 0.3613, 0.3445)
contains.

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Color

Yxy(42.0475, 0.3613, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	CCA599
RGB	204, 165, 153
RGB Percent	80%, 65%, 60%
CMY	0.1999, 0.3530, 0.4000
CMYK	0.00, 0.19, 0.25, 0.20
HSL	14°, 33%, 70%
HSV	14°, 25%, 80%
XYZ	44.1108, 42.0475, 35.9308
YIQ	175.2930, 27.0960, 4.5360

Conversions

Conversions Part 2

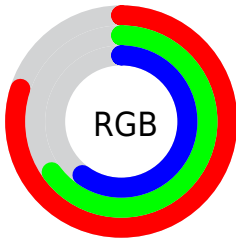
Format	Color
R_{YB}	204, 169, 153
Decimal	13411737
CIE _{Lab}	70.90, 12.53, 11.63
CIE _{LCh}	71, 17.092, 42.859
Yxy	42.0475, 0.3613, 0.3444
Android (android.graphics.Color)	4291601817 (0xFFCCA599)
YUV	175.2930, -10.9904, 25.1760
Hunter-Lab	64.8440, 7.9493, 12.5376

Details

The Yxy color **42.0475, 0.3613, 0.3444** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8454, 0.2749, 0.3130**, and the grayscale version is **43.0788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9514, 0.3474, 0.3423**, and **19.1591, 0.3761, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **36.1413, 0.3877, 0.3509**, and if you desaturate by 10%, it is **48.7598, 0.3392, 0.3380**.

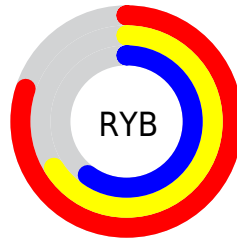
Distribution



Red (80%)

Green (65%)

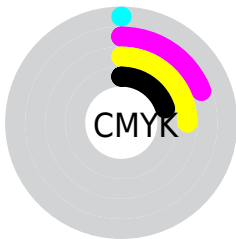
Blue (60%)



Red (80%)

Yellow (66%)

Blue (60%)

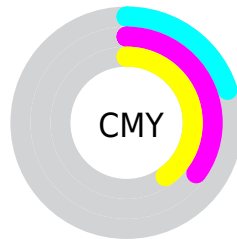


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (20%)



Cyan (20%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0475, 0.3613, 0.3444 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 42.0475, 0.3613, 0.3444 by changing the saturation by 10% instead.


 42.0475, 0.3613,
0.3444

 42.0475, 0.3613,
0.3444


354.6798, 0.3364,
0.3370

 29.1385, 0.3677,
0.3461


 78.2715, 0.3521,
0.3418

 19.1856, 0.3760,
0.3483


 102.3553, 0.3487,
0.3408

 11.8045, 0.3873,
0.3509


130.9328, 0.3458,
0.3399

 6.6107, 0.4034,
0.3544

164.3884, 0.3434,
0.3392

 3.2198, 0.4280,
0.3587

203.1065, 0.3413,
0.3386

 1.2476, 0.4798,
0.3711

247.4715, 0.3394,

 0.1000, 0.8003,

0.3380

0.1997

297.8678, 0.3378,
0.3375

0.0000, 0.0000,
0.0000

42.0475, 0.3613,
0.3444

42.0475, 0.3613,
0.3444

36.1413, 0.3877,
0.3509

48.7598, 0.3392,
0.3380

31.0050, 0.4186,
0.3572

56.3014, 0.3207,
0.3319

26.6080, 0.4541,
0.3625

64.7014, 0.3054,
0.3262

22.9155, 0.4930,
0.3660

73.9860, 0.2926,
0.3210

19.8896, 0.5329,
0.3667

84.1791, 0.2819,
0.3163

■ 17.4889, 0.5700,
0.3635

■ 91.5800, 0.2827,
0.3289

■ 15.6666, 0.5998,
0.3564

■ 14.9500, 0.6119,
0.3524

Harmonies

Analogous

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



42.0475, 0.3504, 0.3235



42.0475, 0.3613, 0.3444



42.0475, 0.3585, 0.3624

Triad

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



42.0475, 0.3613, 0.3444



42.0475, 0.2955, 0.3553



42.0475, 0.2820, 0.2879

Complementary

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



42.0475, 0.3613, 0.3444



48.8454, 0.2749, 0.3130

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.



42.0475, 0.2686, 0.2943



42.0475, 0.3613, 0.3444



42.0475, 0.2761, 0.3330

Square

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



42.0475, 0.3613, 0.3444



42.0475, 0.3199, 0.3700



42.0475, 0.2665, 0.3105



42.0475, 0.3040, 0.2918

Rectangle

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



42.0475, 0.3613, 0.3444



42.0475, 0.3494, 0.3702



42.0475, 0.2665, 0.3105



42.0475, 0.2764, 0.2889

Sweetspot

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



42.0494, 0.3613, 0.3444



89.1995, 0.3261, 0.3337



39.4358, 0.3264, 0.2809



18.6799, 0.3289, 0.3347



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.



42.0494, 0.3613, 0.3444



64.1916, 0.3749, 0.3479



52.1473, 0.3539, 0.3754



11.6346, 0.3284, 0.3345



9.5283, 0.6096, 0.3542



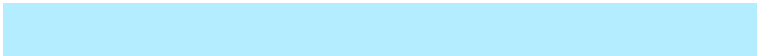
0.6120, 0.5704, 0.3853

Inverse Universe

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



48.8454, 0.2749, 0.3130



77.3237, 0.2671, 0.3091



38.6285, 0.2718, 0.2779



12.2626, 0.2983, 0.3234



17.8690, 0.2033, 0.2519



1.0331, 0.2080, 0.2687

Previews

White Background



This preview shows how the Yxy color 42.0475, 0.3613, 0.3444 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 42.0475, 0.3613, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

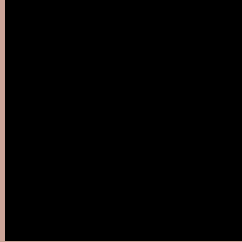
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0475, 0.3613, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 42.0475, 0.3613, 0.3444.



This preview shows how white text looks on a background with the Yxy color 42.0475, 0.3613, 0.3444.

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

42.0475, 0.3613, 0.3444

Protanopia

42.1452, 0.3336, 0.3508

Deuteranopia

41.9431, 0.3549, 0.3473



Tritanopia

42.0185, 0.3440, 0.3141

Trichromacy



Original Color

42.0475, 0.3613, 0.3444

Protanomaly

41.9686, 0.3427, 0.3477

Deuteranomaly

41.8517, 0.3571, 0.3459

Tritanomaly

41.9267, 0.3504, 0.3253

Monochromacy



Original Color

42.0475, 0.3613, 0.3444

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3549, 0.3299, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0475, 0.3613, 0.3444 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(204, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 165, 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(204, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 165, 153) }
```

Border

The CSS property to change the border of an element to Yxy 42.0475, 0.3613, 0.3444 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(204, 165, 153) }
```

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

```
.border{ border-color:rgb(204, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 165, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 165, 153); box-shadow:4px 4px 4px 4px rgb(204, 165, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0475, 0.3613, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 165, 153) }
```

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

```
.background{ background-color: rgb(204,  
165, 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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