

Converting Colors

$Yxy(42.3189, 0.3611, 0.3454)$

Have a look what the booklet for
Yxy(42.3189, 0.3611, 0.3454)
contains.

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Color

Yxy(42.4097, 0.3610, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	CCA699
RGB	204, 166, 153
RGB Percent	80%, 65%, 60%
CMY	0.2000, 0.3490, 0.4001
CMYK	0.00, 0.19, 0.25, 0.20
HSL	15°, 33%, 70%
HSV	15°, 25%, 80%
XYZ	44.2867, 42.4097, 35.9814
YIQ	175.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

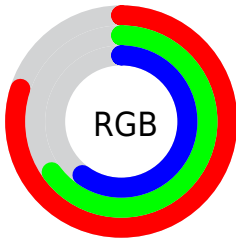
Format	Color
R_{YB}	204, 170, 153
Decimal	13411993
CIE _{Lab}	71.15, 11.97, 11.99
CIE _{LCh}	71, 16.943, 45.047
Yxy	42.4097, 0.3610, 0.3457
Android (android.graphics.Color)	4291602073 (0xFFCCA699)
YUV	175.8800, -11.2798, 24.6612
Hunter-Lab	65.1227, 7.4240, 12.8272

Details

The Yxy color $42.4097, 0.3610, 0.3457$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $48.3824, 0.2748, 0.3116$, and the grayscale version is $43.4002, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4779, 0.3472, 0.3433$, and $19.3835, 0.3756, 0.3498$ is the 20% darker color. If you saturate the color by 10%, you get $36.5928, 0.3870, 0.3528$, and if you desaturate by 10%, it is $48.9983, 0.3391, 0.3387$.

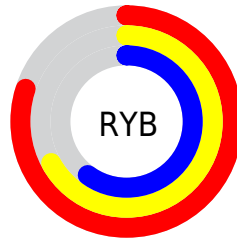
Distribution



Red (80%)

Green (65%)

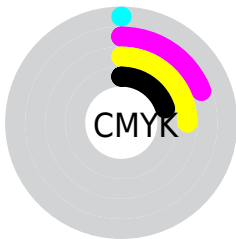
Blue (60%)



Red (80%)

Yellow (67%)

Blue (60%)

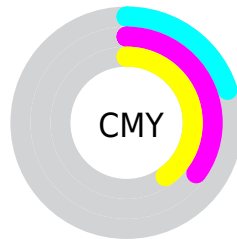


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (20%)



Cyan (20%)


Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4097, 0.3610, 0.3457 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 42.4097, 0.3610, 0.3457 by changing the saturation by 10% instead.

 42.4097, 0.3610,
0.3457

 42.4097, 0.3610,
0.3457


356.1785, 0.3363,
0.3377

 29.4222, 0.3673,
0.3476


 78.8193, 0.3519,
0.3429

 19.4005, 0.3756,
0.3499


 103.0102, 0.3485,
0.3418

 11.9600, 0.3867,
0.3529


131.7045, 0.3457,
0.3408

 6.7164, 0.4026,
0.3567

165.2863, 0.3432,
0.3400

 3.2854, 0.4268,
0.3617

204.1403, 0.3411,
0.3393

 1.2825, 0.4772,
0.3749

248.6507, 0.3393,

 0.1276, 0.7642,

0.3387

0.2358

299.2020, 0.3377,
0.3382

0.0000, 0.0000,
0.0000

42.4097, 0.3610,
0.3457

42.4097, 0.3610,
0.3457

36.5928, 0.3870,
0.3528

48.9983, 0.3391,
0.3387

31.5132, 0.4175,
0.3596

56.3797, 0.3207,
0.3321

27.1426, 0.4522,
0.3654

64.5815, 0.3054,
0.3260

23.4485, 0.4903,
0.3693

73.6281, 0.2926,
0.3204

20.3959, 0.5293,
0.3703

83.5429, 0.2818,
0.3152

■ 17.9460, 0.5658,
0.3672

■ 91.5774, 0.2827,
0.3289

■ 16.0557, 0.5954,
0.3600

■ 15.2999, 0.6076,
0.3557

Harmonies

Analogous

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



42.4097, 0.3511, 0.3251



42.4097, 0.3610, 0.3457



42.4097, 0.3573, 0.3631

Triad

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



42.4097, 0.3610, 0.3457



42.4097, 0.2940, 0.3536



42.4097, 0.2837, 0.2883

Complementary

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



42.4097, 0.3610, 0.3457



48.3824, 0.2748, 0.3116

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.



42.4097, 0.2697, 0.2939



42.4097, 0.3610, 0.3457



42.4097, 0.2755, 0.3312

Square

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



42.4097, 0.3610, 0.3457



42.4097, 0.3181, 0.3689



42.4097, 0.2667, 0.3093



42.4097, 0.3059, 0.2928

Rectangle

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



42.4097, 0.3610, 0.3457



42.4097, 0.3477, 0.3703



42.4097, 0.2667, 0.3093



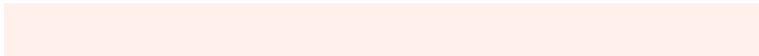
42.4097, 0.2780, 0.2890

Sweetspot

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



42.4116, 0.3610, 0.3457



89.4418, 0.3261, 0.3341



39.3872, 0.3272, 0.2819



18.7405, 0.3288, 0.3351



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.



42.4116, 0.3610, 0.3457



64.8952, 0.3745, 0.3495



52.5059, 0.3536, 0.3764



11.6714, 0.3284, 0.3350



9.7580, 0.6052, 0.3576



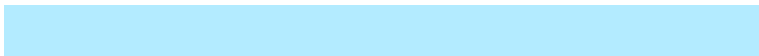
0.6288, 0.5658, 0.3890

Inverse Universe

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



48.3824, 0.2748, 0.3116



76.4319, 0.2669, 0.3074



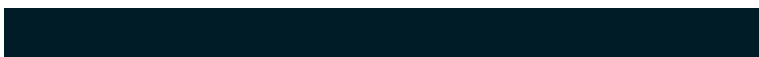
38.3078, 0.2717, 0.2767



12.2233, 0.2983, 0.3229



17.0195, 0.2013, 0.2448



0.9953, 0.2064, 0.2632

Previews

White Background



This preview shows how the Yxy color 42.4097, 0.3610, 0.3457 looks on a white background.

Color Contrast Check

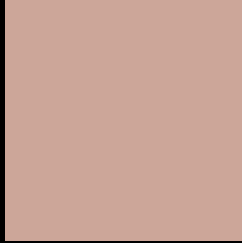
Large Text (above 18pt) WCAG AA × Fail

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 42.4097, 0.3610, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

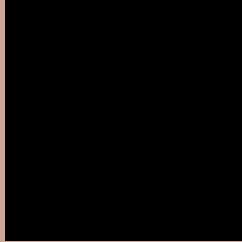
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4097, 0.3610, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 42.4097, 0.3610, 0.3457.



This preview shows how white text looks on a background with the Yxy color 42.4097, 0.3610, 0.3457.

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

42.4097, 0.3610, 0.3457

Protanopia

42.6515, 0.3344, 0.3520

Deuteranopia

42.4473, 0.3555, 0.3485



Tritanopia

42.5549, 0.3438, 0.3142

Trichromacy



Original Color

42.4097, 0.3610, 0.3457

Protanomaly

42.4733, 0.3434, 0.3489

Deuteranomaly

42.3548, 0.3578, 0.3471

Tritanomaly

42.4628, 0.3502, 0.3254

Monochromacy



Original Color

42.4097, 0.3610, 0.3457

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7713, 0.3289, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4097, 0.3610, 0.3457 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, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 166, 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, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 166, 153) }
```

Border

The CSS property to change the border of an element to Yxy 42.4097, 0.3610, 0.3457 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, 166, 153) }
```

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

```
.border{ border-color:rgb(204, 166, 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, 166, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 166,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4097, 0.3610, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 166, 153) }
```

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

```
.background{ background-color: rgb(204,  
166, 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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