

Converting Colors

$Yxy(43.7263, 0.3613, 0.4094)$

Have a look what the booklet for
Yxy(43.7263, 0.3613, 0.4094)
contains.

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Color

Yxy(43.7263, 0.3613, 0.4094)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B4B479 |
| RGB | 180, 180, 121 |
| RGB Percent | 71%, 71%, 47% |
| CMY | 0.2942, 0.2941, 0.5255 |
| CMYK | 0.00, 0.00, 0.33, 0.29 |
| HSL | 60°, 28%, 59% |
| HSV | 60°, 33%, 71% |
| XYZ | 38.5889, 43.7263, 24.4906 |
| YIQ | 173.2740, 18.9390, -18.3490 |

Conversions

Conversions Part 2

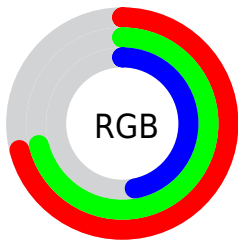
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 121, 180, 121 |
| Decimal | 11842681 |
| CIELab | 72.05, -9.27, 30.17 |
| CIELCh | 72, 31.563, 107.078 |
| Yxy | 43.7263, 0.3613, 0.4094 |
| Android (android.graphics.Color) | 4290032761 (0xFFB4B479) |
| YUV | 173.2740, -25.7711, 5.8987 |
| Hunter-Lab | 66.1259, -11.5534, 24.3293 |

Details

The Yxy color **43.7263, 0.3613, 0.4094** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **21.0347, 0.2551, 0.2336**, and the grayscale version is **42.0616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0514, 0.3531, 0.3945**, and **20.0693, 0.3741, 0.4333** is the 20% darker color. If you saturate the color by 10%, you get **43.3255, 0.3754, 0.4327**, and if you desaturate by 10%, it is **44.2135, 0.3465, 0.3849**.

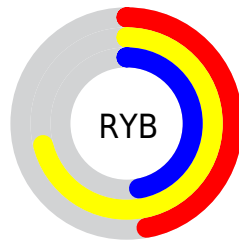
Distribution



Red (71%)

Green (71%)

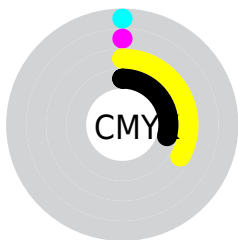
Blue (47%)



Red (47%)

Yellow (71%)

Blue (47%)

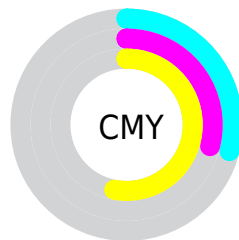


Cyan (0%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7263, 0.3613, 0.4094 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 43.7263, 0.3613, 0.4094 by changing the saturation by 10% instead.


 43.7263, 0.3613,
0.4094


 43.7263, 0.3613,
0.4094


361.5902, 0.3376,
0.3684


 30.4554, 0.3669,
0.4197


 80.8057, 0.3529,
0.3944

 20.1845, 0.3738,
0.4330


 105.3831, 0.3497,
0.3888

 12.5292, 0.3823,
0.4505


 134.4980, 0.3469,
0.3840

 7.1052, 0.3930,
0.4743

168.5349, 0.3445,
0.3800

 3.5280, 0.4086,
0.5119

207.8781, 0.3425,
0.3765

 1.4132, 0.4280,
0.5720

252.9122, 0.3406,

 0.2264, 0.0000,

0.3734

1.0000

304.0214, 0.3390,
0.3707

0.0000, 0.0000,
0.0000

43.7263, 0.3613,
0.4094

43.7263, 0.3613,
0.4094

43.3255, 0.3754,
0.4327

44.2135, 0.3465,
0.3849

43.0005, 0.3882,
0.4539

44.7853, 0.3315,
0.3601

42.7483, 0.3992,
0.4721

45.4478, 0.3167,
0.3357

42.5632, 0.4079,
0.4865


46.2046, 0.3026,
0.3122

42.4388, 0.4140,
0.4968


47.0591, 0.2892,
0.2901

 42.3674, 0.4177,
0.5028

 48.0148, 0.2768,
0.2696

 42.3372, 0.4192,
0.5054

 49.0747, 0.2654,
0.2507

 49.5811, 0.2606,
0.2428

 49.5828, 0.2607,
0.2428

Harmonies

Analogous

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



43.7263, 0.3929, 0.3912



43.7263, 0.3613, 0.4094



43.7263, 0.3179, 0.4039

Triad

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



43.7263, 0.3613, 0.4094



43.7263, 0.2304, 0.2887



43.7263, 0.3482, 0.2900

Complementary

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



43.7263, 0.3613, 0.4094



21.0347, 0.2551, 0.2336

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.



43.7263, 0.3023, 0.2663



43.7263, 0.3613, 0.4094



43.7263, 0.2369, 0.2637

Square

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



43.7263, 0.3613, 0.4094



43.7263, 0.2437, 0.3287



43.7263, 0.2622, 0.2566



43.7263, 0.3861, 0.3229

Rectangle

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



43.7263, 0.3613, 0.4094



43.7263, 0.2885, 0.3856



43.7263, 0.2622, 0.2566



43.7263, 0.3330, 0.2808

Sweetspot

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



43.7283, 0.3613, 0.4094



81.4892, 0.3276, 0.3536



24.7568, 0.3871, 0.3292



17.5784, 0.3296, 0.3570



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.7283, 0.3613, 0.4094



78.7567, 0.3711, 0.4256



40.5602, 0.3338, 0.4172



9.9063, 0.3263, 0.3515



29.5436, 0.4192, 0.5054



0.9297, 0.4192, 0.5053

Inverse Universe

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



21.0347, 0.2551, 0.2336



31.5071, 0.2407, 0.2099



23.4991, 0.2846, 0.2410



8.2305, 0.2985, 0.3055



2.3007, 0.1500, 0.0600



0.0725, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 43.7263, 0.3613, 0.4094 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 43.7263, 0.3613, 0.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

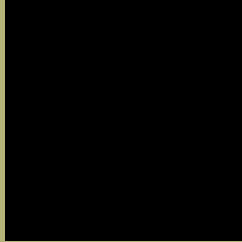
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7263, 0.3613, 0.4094

Background



This preview shows how black text looks on a background with the Yxy color 43.7263, 0.3613, 0.4094.



This preview shows how white text looks on a background with the Yxy color 43.7263, 0.3613, 0.4094.

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

43.7263, 0.3613, 0.4094

Protanopia

43.4831, 0.3744, 0.4029

Deuteranopia

43.5076, 0.3936, 0.3862



Tritanopia

43.6992, 0.3162, 0.3123

Trichromacy



Original Color

43.7263, 0.3613, 0.4094

Protanomaly

43.3651, 0.3701, 0.4052

Deuteranomaly

43.4344, 0.3818, 0.3948

Tritanomaly

43.5829, 0.3327, 0.3464

Monochromacy



Original Color

43.7263, 0.3613, 0.4094

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.6139, 0.3310, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7263, 0.3613, 0.4094 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(180, 180, 121)` looks like.

```
.text, #text, p{  
    color:rgb(180, 180, 121)  
}
```

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(180, 180, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 180, 121) }
```

Border

The CSS property to change the border of an element to Yxy 43.7263, 0.3613, 0.4094 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(180, 180, 121) }
```

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

```
.border{ border-color:rgb(180, 180, 121) }
```

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

Here you see how a box with a 4 pixel rgb(180, 180, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 180, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 180, 121);  
box-shadow:4px 4px 4px 4px rgb(180, 180,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7263, 0.3613, 0.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 180, 121) }
```

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

```
.background{ background-color: rgb(180,  
180, 121) }
```

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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