

Converting Colors

$Y_{xy}(43.5227, 0.3716, 0.3689)$

Have a look what the booklet for
Yxy(43.5227, 0.3716, 0.3689)
contains.

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Color

Yxy(43.3100, 0.3717, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	CBA8B
RGB	203, 170, 139
RGB Percent	80%, 67%, 55%
CMY	0.2040, 0.3333, 0.4548
CMYK	0.00, 0.16, 0.32, 0.20
HSL	29°, 38%, 67%
HSV	29°, 32%, 80%
XYZ	43.6624, 43.3100, 30.4944
YIQ	176.3330, 29.6190, -2.6450

Conversions

Conversions Part 2

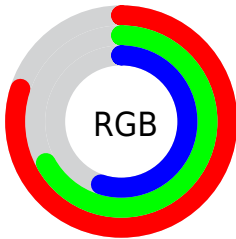
Format	Color
R_{YB}	203, 199, 139
Decimal	13347467
CIE _{Lab}	71.76, 7.50, 20.47
CIE _{LCh}	72, 21.797, 69.872
Yxy	43.3100, 0.3717, 0.3687
Android (android.graphics.Color)	4291537547 (0xFFCBAA8B)
YUV	176.3330, -18.4052, 23.3870
Hunter-Lab	65.8103, 3.2592, 18.5942

Details

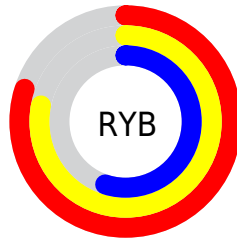
The Yxy color **43.3100, 0.3717, 0.3687** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.3100, 0.2628, 0.2855**, and the grayscale version is **43.6866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9607, 0.3563, 0.3616**, and **19.9740, 0.3889, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **39.0030, 0.3956, 0.3816**, and if you desaturate by 10%, it is **48.0437, 0.3503, 0.3556**.

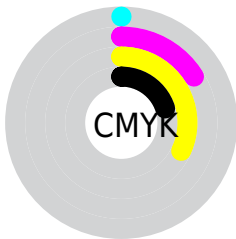
Distribution



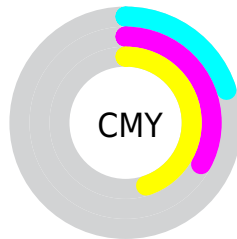
- Red (80%)
- Green (67%)
- Blue (55%)



- Red (80%)
- Yellow (78%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3100, 0.3717, 0.3687 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 43.3100, 0.3717, 0.3687 by changing the saturation by 10% instead.


 43.3100, 0.3717,
0.3687


 43.3100, 0.3717,
0.3687


359.8851, 0.3418,
0.3492


 30.1284, 0.3793,
0.3734


 80.1785, 0.3607,
0.3617

 19.9361, 0.3890,
0.3793


 104.6341, 0.3567,
0.3591

 12.3486, 0.4019,
0.3868


 133.6166, 0.3532,
0.3568

 6.9815, 0.4199,
0.3968

167.5103, 0.3502,
0.3549

 3.4506, 0.4461,
0.4100

206.6996, 0.3477,
0.3532

 1.3712, 0.5328,
0.4672

251.5689, 0.3455,

 0.1954, 0.6537,

0.3517

0.3463

302.5026, 0.3435,
0.3504

0.0000, 0.0000,
0.0000

43.3100, 0.3717,
0.3687

43.3100, 0.3717,
0.3687

39.0030, 0.3956,
0.3816

48.0437, 0.3503,
0.3556

35.1033, 0.4218,
0.3937

53.2106, 0.3315,
0.3429

31.5987, 0.4496,
0.4038


58.8248, 0.3150,
0.3308

28.4739, 0.4778,
0.4107


64.8978, 0.3007,
0.3195


25.7122, 0.5048,
0.4132

71.4406, 0.2882,
0.3090


 23.2949, 0.5287,
0.4104

 78.0833, 0.2806,
0.3053

 21.4905, 0.5462,
0.4045

 84.1797, 0.2813,
0.3166

 90.6334, 0.2821,
0.3276

 91.4347, 0.2821,
0.3289

Harmonies

Analogous

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



43.3100, 0.3736, 0.3453



43.3100, 0.3717, 0.3687



43.3100, 0.3534, 0.3831

Triad

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



43.3100, 0.3717, 0.3687



43.3100, 0.2686, 0.3368



43.3100, 0.2984, 0.2816

Complementary

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



43.3100, 0.3717, 0.3687



39.3100, 0.2628, 0.2855

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.



43.3100, 0.2719, 0.2778



43.3100, 0.3717, 0.3687



43.3100, 0.2554, 0.3078

Square

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



43.3100, 0.3717, 0.3687



43.3100, 0.2937, 0.3651



43.3100, 0.2566, 0.2867



43.3100, 0.3301, 0.2965

Rectangle

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



43.3100, 0.3717, 0.3687



43.3100, 0.3349, 0.3845



43.3100, 0.2566, 0.2867



43.3100, 0.2886, 0.2790

Sweetspot

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



43.3120, 0.3717, 0.3687



91.2899, 0.3273, 0.3399



34.1492, 0.3473, 0.2871



19.2511, 0.3299, 0.3417



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.



43.3120, 0.3717, 0.3687



67.4119, 0.3882, 0.3778



56.7637, 0.3602, 0.4058



12.0955, 0.3278, 0.3403



13.8592, 0.5441, 0.4062



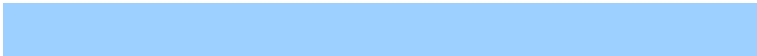
0.8667, 0.5134, 0.4306

Inverse Universe

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



39.3100, 0.2628, 0.2855



59.6422, 0.2515, 0.2741



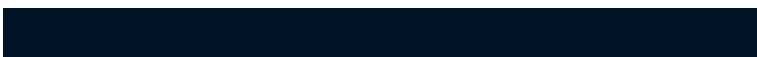
28.5859, 0.2573, 0.2386



11.7847, 0.2983, 0.3175



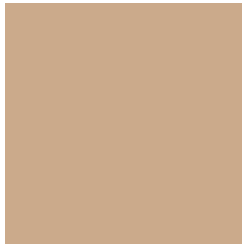
9.3144, 0.1790, 0.1643



0.6321, 0.1886, 0.1990

Previews

White Background



This preview shows how the Yxy color 43.3100, 0.3717, 0.3687 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 43.3100, 0.3717, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

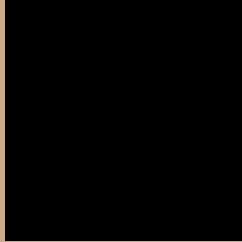
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3100, 0.3717, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 43.3100, 0.3717, 0.3687.



This preview shows how white text looks on a background with the Yxy color 43.3100, 0.3717, 0.3687.

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

43.3100, 0.3717, 0.3687

Protanopia

43.5685, 0.3516, 0.3746

Deuteranopia

43.2192, 0.3741, 0.3672



Tritanopia

43.3500, 0.3416, 0.3142

Trichromacy



Original Color

43.3100, 0.3717, 0.3687

Protanomaly

43.5326, 0.3589, 0.3725

Deuteranomaly

43.0774, 0.3731, 0.3674

Tritanomaly

43.4036, 0.3532, 0.3341

Monochromacy



Original Color

43.3100, 0.3717, 0.3687

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3556, 0.3329, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3100, 0.3717, 0.3687 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(203, 170, 139)` looks like.

```
.text, #text, p{  
    color:rgb(203, 170, 139)  
}
```

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(203, 170, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 170, 139) }
```

Border

The CSS property to change the border of an element to Yxy 43.3100, 0.3717, 0.3687 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(203, 170, 139) }
```

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

```
.border{ border-color:rgb(203, 170, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 170, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 170, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 170, 139);  
box-shadow:4px 4px 4px 4px rgb(203, 170,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3100, 0.3717, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 170, 139) }
```

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

```
.background{ background-color: rgb(203,  
170, 139) }
```

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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