

Converting Colors

$Y_{xy}(43.2230, 0.3736, 0.3619)$

Have a look what the booklet for
Yxy(43.2230, 0.3736, 0.3619)
contains.

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Color

Yxy(43.2237, 0.3736, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	CFA88E
RGB	207, 168, 142
RGB Percent	81%, 66%, 56%
CMY	0.1882, 0.3412, 0.4430
CMYK	0.00, 0.19, 0.31, 0.19
HSL	24°, 40%, 68%
HSV	24°, 31%, 81%
XYZ	44.6211, 43.2237, 31.5907
YIQ	176.6970, 31.5900, 0.1820

Conversions

Conversions Part 2

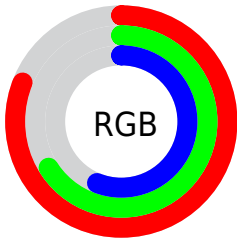
Format	Color
R _Y B	207, 185, 142
Decimal	13609102
CIE Lab	71.71, 10.56, 18.82
CIE LCh	72, 21.574, 60.707
Yxy	43.2237, 0.3736, 0.3619
Android (android.graphics.Color)	4291799182 (0xFFCFA88E)
YUV	176.6970, -17.1056, 26.5757
Hunter-Lab	65.7447, 6.0951, 17.5322

Details

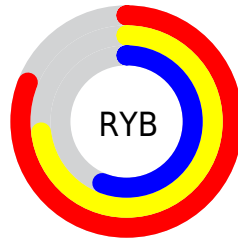
The Yxy color $43.2237, 0.3736, 0.3619$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.3208, 0.2639, 0.2935$, and the grayscale version is $43.8804, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.0209, 0.3546, 0.3566$, and $19.9389, 0.3918, 0.3698$ is the 20% darker color. If you saturate the color by 10%, you get $38.2891, 0.3993, 0.3727$, and if you desaturate by 10%, it is $48.7164, 0.3511, 0.3510$.

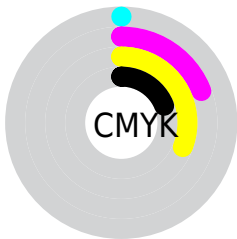
Distribution



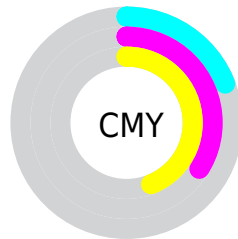
- Red (81%)
- Green (66%)
- Blue (56%)



- Red (81%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2237, 0.3736, 0.3619 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 43.2237, 0.3736, 0.3619 by changing the saturation by 10% instead.


 43.2237, 0.3736,
0.3619

 43.2237, 0.3736,
0.3619


359.5309, 0.3426,
0.3459

 30.0607, 0.3815,
0.3657


 80.0483, 0.3622,
0.3562

 19.8846, 0.3916,
0.3704


 104.4787, 0.3580,
0.3541

 12.3112, 0.4052,
0.3763


 133.4337, 0.3544,
0.3522

 6.9560, 0.4242,
0.3840

167.2976, 0.3514,
0.3506

 3.4346, 0.4522,
0.3939

206.4549, 0.3487,
0.3492

 1.3626, 0.5338,
0.4356

251.2900, 0.3464,

 0.1889, 0.6983,

0.3480

0.3017

302.1872, 0.3444,
0.3469

0.0000, 0.0000,
0.0000

43.2237, 0.3736,
0.3619

43.2237, 0.3736,
0.3619

38.2891, 0.3993,
0.3727

48.7164, 0.3511,
0.3510

33.8878, 0.4281,
0.3827

54.7787, 0.3316,
0.3404

30.0021, 0.4593,
0.3908


61.4296, 0.3149,
0.3303


26.6107, 0.4916,
0.3959

68.6849, 0.3005,
0.3210


23.6905, 0.5229,
0.3966

76.5603, 0.2882,
0.3124

 21.2159, 0.5507,
0.3922

 84.3259, 0.2836,
0.3159

 19.4144, 0.5710,
0.3848

 91.9995, 0.2844,
0.3289

 92.0072, 0.2844,
0.3289

Harmonies

Analogous

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



43.2237, 0.3701, 0.3373



43.2237, 0.3736, 0.3619



43.2237, 0.3600, 0.3796

Triad

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



43.2237, 0.3736, 0.3619



43.2237, 0.2756, 0.3458



43.2237, 0.2897, 0.2796

Complementary

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



43.2237, 0.3736, 0.3619



43.3208, 0.2639, 0.2935

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.



43.2237, 0.2663, 0.2796



43.2237, 0.3736, 0.3619



43.2237, 0.2585, 0.3163

Square

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



43.2237, 0.3736, 0.3619



43.2237, 0.3029, 0.3715



43.2237, 0.2552, 0.2923



43.2237, 0.3203, 0.2913

Rectangle

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



43.2237, 0.3736, 0.3619



43.2237, 0.3435, 0.3842



43.2237, 0.2552, 0.2923



43.2237, 0.2807, 0.2782

Sweetspot

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



43.2257, 0.3736, 0.3619



90.1318, 0.3275, 0.3380



36.0014, 0.3405, 0.2795



18.9664, 0.3301, 0.3395



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.



43.2257, 0.3736, 0.3619



63.5877, 0.3914, 0.3696



56.2660, 0.3623, 0.3986



12.5726, 0.3281, 0.3383



12.4042, 0.5686, 0.3867



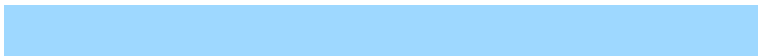
0.8471, 0.5350, 0.4134

Inverse Universe

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



43.3208, 0.2639, 0.2935



63.7491, 0.2530, 0.2840



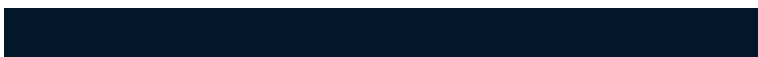
31.9451, 0.2586, 0.2483



12.5811, 0.2983, 0.3195



12.1517, 0.1871, 0.1934



0.8325, 0.1947, 0.2209

Previews

White Background



This preview shows how the Yxy color 43.2237, 0.3736, 0.3619 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 43.2237, 0.3736, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

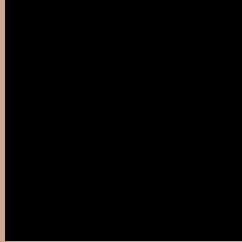
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2237, 0.3736, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 43.2237, 0.3736, 0.3619.



This preview shows how white text looks on a background with the Yxy color 43.2237, 0.3736, 0.3619.

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

43.2237, 0.3736, 0.3619

Protanopia

43.5651, 0.3472, 0.3693

Deuteranopia

43.3081, 0.3713, 0.3634



Tritanopia

43.1779, 0.3467, 0.3132

Trichromacy



Original Color

43.2237, 0.3736, 0.3619

Protanomaly

43.4008, 0.3566, 0.3658

Deuteranomaly

43.4507, 0.3723, 0.3633

Tritanomaly

43.2922, 0.3566, 0.3304

Monochromacy



Original Color

43.2237, 0.3736, 0.3619

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6438, 0.3339, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2237, 0.3736, 0.3619 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(207, 168, 142)` looks like.

```
.text, #text, p{  
    color:rgb(207, 168, 142)  
}
```

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(207, 168, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 168, 142) }
```

Border

The CSS property to change the border of an element to Yxy 43.2237, 0.3736, 0.3619 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(207, 168, 142) }
```

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

```
.border{ border-color:rgb(207, 168, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 168, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 168, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 168, 142);  
box-shadow:4px 4px 4px 4px rgb(207, 168,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2237, 0.3736, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 168, 142) }
```

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

```
.background{ background-color: rgb(207,  
168, 142) }
```

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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