

Converting Colors

$Yxy(43.6638, 0.3731, 0.3726)$

Have a look what the booklet for
Yxy(43.6638, 0.3731, 0.3726)
contains.

Yxy(43.6285, 0.3732, 0.3725)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.6285, 0.3732, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	CBAB89
RGB	203, 171, 137
RGB Percent	80%, 67%, 54%
CMY	0.2039, 0.3294, 0.4627
CMYK	0.00, 0.16, 0.33, 0.20
HSL	31°, 39%, 67%
HSV	31°, 33%, 80%
XYZ	43.7105, 43.6285, 29.7845
YIQ	176.6920, 29.9860, -3.7900

Conversions

Conversions Part 2

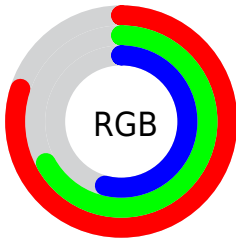
Format	Color
RYB	199, 203, 137
Decimal	13347721
CIELab	71.98, 6.72, 21.86
CIELCh	72, 22.868, 72.918
Yxy	43.6285, 0.3732, 0.3725
Android (android.graphics.Color)	4291537801 (0xFFCBAB89)
YUV	176.6920, -19.5682, 23.0721
Hunter-Lab	66.0519, 2.5334, 19.5009

Details

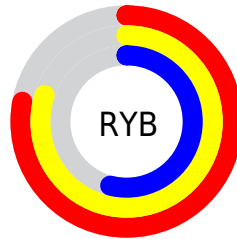
The Yxy color **43.6285, 0.3732, 0.3725** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.0150, 0.2608, 0.2810**, and the grayscale version is **43.8911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4143, 0.3574, 0.3647**, and **20.1777, 0.3908, 0.3841** is the 20% darker color. If you saturate the color by 10%, you get **39.5192, 0.3967, 0.3861**, and if you desaturate by 10%, it is **48.1287, 0.3520, 0.3586**.

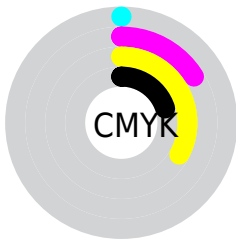
Distribution



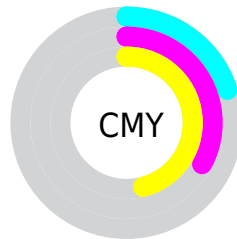
- Red (80%)
- Green (67%)
- Blue (54%)



- Red (78%)
- Yellow (80%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (20%)




- Cyan (20%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6285, 0.3732, 0.3725 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 43.6285, 0.3732, 0.3725 by changing the saturation by 10% instead.


 43.6285, 0.3732,
0.3725

 43.6285, 0.3732,
0.3725

361.1901, 0.3426,
0.3511


 30.3786, 0.3809,
0.3776


 80.6584, 0.3620,
0.3649

 20.1261, 0.3908,
0.3841


 105.2072, 0.3578,
0.3620

 12.4867, 0.4038,
0.3924


 134.2911, 0.3543,
0.3595

 7.0761, 0.4219,
0.4033

168.2944, 0.3513,
0.3573

 3.5097, 0.4479,
0.4177

207.6015, 0.3487,
0.3555

 1.4033, 0.5279,
0.4721

252.5970, 0.3464,

 0.2191, 0.6295,

0.3539

0.3705

303.6650, 0.3444,
0.3524

0.0000, 0.0000,
0.0000

43.6285, 0.3732,
0.3725

43.6285, 0.3732,
0.3725

39.5192, 0.3967,
0.3861

48.1287, 0.3520,
0.3586

35.7824, 0.4221,
0.3988

53.0251, 0.3331,
0.3451

32.4073, 0.4488,
0.4093


58.3307, 0.3166,
0.3321


29.3798, 0.4755,
0.4165


64.0559, 0.3020,
0.3200


26.6846, 0.5007,
0.4192

70.2108, 0.2894,
0.3088


 24.3042, 0.5228,
0.4165

 76.5570, 0.2804,
0.3024

 22.7106, 0.5372,
0.4116

 82.1959, 0.2811,
0.3130

 88.1494, 0.2818,
0.3235

 91.4390, 0.2822,
0.3289

Harmonies

Analogous

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



43.6285, 0.3772, 0.3486



43.6285, 0.3732, 0.3725



43.6285, 0.3525, 0.3863

Triad

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



43.6285, 0.3732, 0.3725



43.6285, 0.2646, 0.3339



43.6285, 0.3010, 0.2806

Complementary

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



43.6285, 0.3732, 0.3725



38.0150, 0.2608, 0.2810

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.



43.6285, 0.2724, 0.2753



43.6285, 0.3732, 0.3725



43.6285, 0.2523, 0.3040

Square

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



43.6285, 0.3732, 0.3725



43.6285, 0.2897, 0.3642



43.6285, 0.2551, 0.2832



43.6285, 0.3342, 0.2972

Rectangle

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



43.6285, 0.3732, 0.3725



43.6285, 0.3326, 0.3868



43.6285, 0.2551, 0.2832



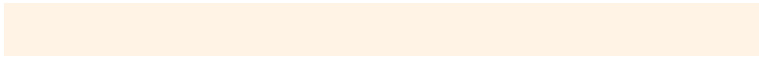
43.6285, 0.2905, 0.2775

Sweetspot

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



43.6305, 0.3732, 0.3725



90.8262, 0.3290, 0.3419



33.4936, 0.3500, 0.2871



19.1768, 0.3315, 0.3438



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.



43.6305, 0.3732, 0.3725



68.1567, 0.3894, 0.3821



57.2255, 0.3613, 0.4094



12.1531, 0.3277, 0.3410



14.6334, 0.5352, 0.4133



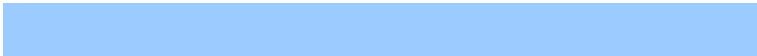
0.9066, 0.5066, 0.4360

Inverse Universe

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



38.0150, 0.2608, 0.2810



57.3270, 0.2494, 0.2686



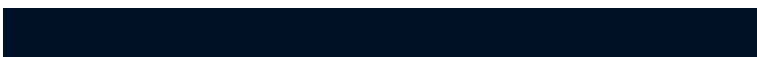
27.5231, 0.2550, 0.2336



11.7271, 0.2983, 0.3168



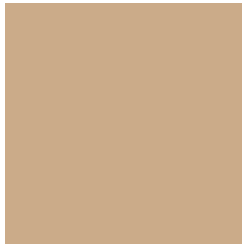
8.5390, 0.1762, 0.1542



0.5923, 0.1862, 0.1904

Previews

White Background



This preview shows how the Yxy color 43.6285, 0.3732, 0.3725 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 43.6285, 0.3732, 0.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

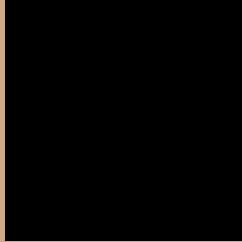
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6285, 0.3732, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 43.6285, 0.3732, 0.3725.



This preview shows how white text looks on a background with the Yxy color 43.6285, 0.3732, 0.3725.

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

43.6285, 0.3732, 0.3725

Protanopia

43.6061, 0.3552, 0.3785

Deuteranopia

43.4475, 0.3779, 0.3695



Tritanopia

43.5345, 0.3416, 0.3131

Trichromacy



Original Color

43.6285, 0.3732, 0.3725

Protanomaly

43.4445, 0.3615, 0.3765

Deuteranomaly

43.6774, 0.3765, 0.3708

Tritanomaly

43.4036, 0.3532, 0.3341

Monochromacy



Original Color

43.6285, 0.3732, 0.3725

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7077, 0.3336, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6285, 0.3732, 0.3725 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, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 137)  
}
```

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, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 137) }
```

Border

The CSS property to change the border of an element to Yxy 43.6285, 0.3732, 0.3725 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, 171, 137) }
```

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

```
.border{ border-color:rgb(203, 171, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 171, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6285, 0.3732, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 137) }
```

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

```
.background{ background-color: rgb(203,  
171, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor