

Converting Colors

$Yxy(44.8391, 0.3736, 0.3777)$

Have a look what the booklet for
Yxy(44.8391, 0.3736, 0.3777)
contains.

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Color

Yxy(44.8870, 0.3739, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	CCAEE88
RGB	204, 174, 136
RGB Percent	80%, 68%, 53%
CMY	0.1999, 0.3176, 0.4668
CMYK	0.00, 0.15, 0.33, 0.20
HSL	34°, 40%, 67%
HSV	34°, 33%, 80%
XYZ	44.4825, 44.8870, 29.5995
YIQ	178.6380, 30.0780, -5.4580

Conversions

Conversions Part 2

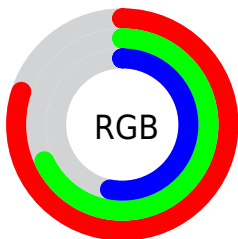
Format	Color
R_{YB}	190, 204, 136
Decimal	13414024
CIE _{Lab}	72.82, 5.36, 23.57
CIE _{LCh}	73, 24.176, 77.180
Yxy	44.8870, 0.3739, 0.3773
Android (android.graphics.Color)	4291604104 (0xFFCCAE88)
YUV	178.6380, -21.0205, 22.2425
Hunter-Lab	66.9978, 1.2672, 20.7042

Details

The Yxy color **44.8870, 0.3739, 0.3773** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.8562, 0.2589, 0.2751**, and the grayscale version is **44.9789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0163, 0.3574, 0.3686**, and **20.9805, 0.3913, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **41.0023, 0.3966, 0.3920**, and if you desaturate by 10%, it is **49.1192, 0.3531, 0.3623**.

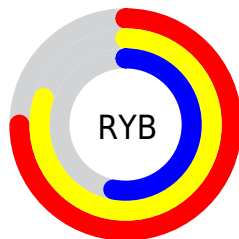
Distribution



Red (80%)

Green (68%)

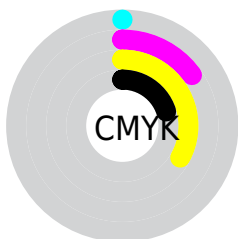
Blue (53%)



Red (75%)

Yellow (80%)

Blue (53%)

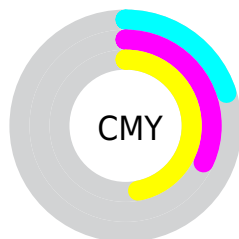


Cyan (0%)

Magenta (15%)

Yellow (33%)

Black (20%)



Cyan (20%)


Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8870, 0.3739, 0.3773 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 44.8870, 0.3739, 0.3773 by changing the saturation by 10% instead.


 44.8870, 0.3739,
0.3773


 44.8870, 0.3739,
0.3773

366.3157, 0.3431,
0.3536


 31.3684, 0.3815,
0.3830


 82.5508, 0.3627,
0.3688

 20.8796, 0.3913,
0.3901


 107.4649, 0.3585,
0.3656

 13.0360, 0.4041,
0.3993


 136.9462, 0.3550,
0.3629

 7.4533, 0.4216,
0.4113


171.3792, 0.3519,
0.3605

 3.7472, 0.4464,
0.4272

211.1482, 0.3493,
0.3584

 1.5332, 0.5190,
0.4810

256.6377, 0.3470,

 0.3119, 0.5781,

0.3566

0.4219

308.2321, 0.3450,
0.3550

0.0000, 0.0000,
0.0000

44.8870, 0.3739,
0.3773

44.8870, 0.3739,
0.3773

41.0023, 0.3966,
0.3920

49.1192, 0.3531,
0.3623

37.4479, 0.4208,
0.4054

53.7028, 0.3344,
0.3476

34.2145, 0.4458,
0.4167


58.6496, 0.3178,
0.3335

31.2895, 0.4704,
0.4245

63.9687, 0.3032,
0.3203

28.6589, 0.4932,
0.4277

69.6691, 0.2903,
0.3080

 26.3068, 0.5128,
0.4256

 75.5397, 0.2809,
0.3001

 24.8822, 0.5243,
0.4219

 80.6196, 0.2815,
0.3099

 85.9609, 0.2821,
0.3195

 91.5674, 0.2827,
0.3289

Harmonies

Analogous

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



44.8870, 0.3809, 0.3532



44.8870, 0.3739, 0.3773



44.8870, 0.3502, 0.3899

Triad

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



44.8870, 0.3739, 0.3773



44.8870, 0.2597, 0.3293



44.8870, 0.3052, 0.2803

Complementary

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



44.8870, 0.3739, 0.3773



36.8562, 0.2589, 0.2751

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.



44.8870, 0.2742, 0.2729



44.8870, 0.3739, 0.3773



44.8870, 0.2490, 0.2989

Square

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



44.8870, 0.3739, 0.3773



44.8870, 0.2842, 0.3618



44.8870, 0.2542, 0.2790



44.8870, 0.3400, 0.2990

Rectangle

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



44.8870, 0.3739, 0.3773



44.8870, 0.3287, 0.3886



44.8870, 0.2542, 0.2790



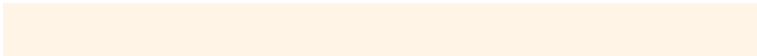
44.8870, 0.2940, 0.2765

Sweetspot

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



44.8891, 0.3739, 0.3773



91.4984, 0.3289, 0.3430



33.2132, 0.3550, 0.2901



19.3394, 0.3313, 0.3450



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.



44.8891, 0.3739, 0.3773



69.6604, 0.3900, 0.3879



57.3322, 0.3597, 0.4123



12.2364, 0.3276, 0.3420



15.8472, 0.5225, 0.4234



0.9673, 0.4970, 0.4436

Inverse Universe

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



36.8562, 0.2589, 0.2751



54.3737, 0.2468, 0.2612



27.4803, 0.2561, 0.2315



11.6447, 0.2983, 0.3157



7.5224, 0.1723, 0.1401



0.5384, 0.1829, 0.1783

Previews

White Background



This preview shows how the Yxy color 44.8870, 0.3739, 0.3773 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 44.8870, 0.3739, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

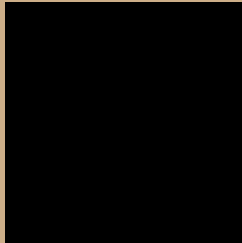
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8870, 0.3739, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 44.8870, 0.3739, 0.3773.



This preview shows how white text looks on a background with the Yxy color 44.8870, 0.3739, 0.3773.

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

44.8870, 0.3739, 0.3773

Protanopia

45.1515, 0.3579, 0.3830

Deuteranopia

44.9843, 0.3804, 0.3739



Tritanopia

44.8968, 0.3393, 0.3132

Trichromacy



Original Color

44.8870, 0.3739, 0.3773

Protanomaly

44.9862, 0.3642, 0.3810

Deuteranomaly

45.0746, 0.3781, 0.3754

Tritanomaly

44.7315, 0.3516, 0.3353

Monochromacy



Original Color

44.8870, 0.3739, 0.3773

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7800, 0.3342, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8870, 0.3739, 0.3773 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, 174, 136)` looks like.

```
.text, #text, p{  
    color:rgb(204, 174, 136)  
}
```

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, 174, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 174, 136) }
```

Border

The CSS property to change the border of an element to Yxy 44.8870, 0.3739, 0.3773 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, 174, 136) }
```

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

```
.border{ border-color:rgb(204, 174, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 174, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 174, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 174, 136);  
box-shadow:4px 4px 4px 4px rgb(204, 174,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8870, 0.3739, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 174, 136) }
```

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

```
.background{ background-color: rgb(204,  
174, 136) }
```

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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