

Converting Colors

$Yxy(43.0141, 0.3724, 0.3825)$

Have a look what the booklet for
Yxy(43.0141, 0.3724, 0.3825)
contains.

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Color

Yxy(43.0141, 0.3724, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	C5AC83
RGB	197, 172, 131
RGB Percent	77%, 67%, 51%
CMY	0.2274, 0.3255, 0.4863
CMYK	0.00, 0.13, 0.34, 0.23
HSL	37°, 36%, 64%
HSV	37°, 34%, 77%
XYZ	41.8783, 43.0141, 27.5628
YIQ	174.8010, 28.0610, -7.4510

Conversions

Conversions Part 2

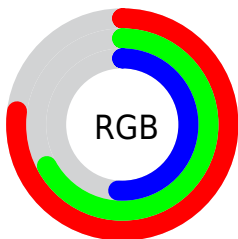
Format	Color
RYB	171, 197, 131
Decimal	12954755
CIELab	71.56, 3.04, 24.46
CIElCh	72, 24.644, 82.922
Yxy	43.0141, 0.3724, 0.3825
Android (android.graphics.Color)	4291144835 (0xFFC5AC83)
YUV	174.8010, -21.5939, 19.4685
Hunter-Lab	65.5851, -0.7958, 20.9924

Details

The Yxy color **43.0141, 0.3724, 0.3825** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.6358, 0.2580, 0.2687**, and the grayscale version is **42.8658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4697, 0.3613, 0.3729**, and **19.7778, 0.3893, 0.3978** is the 20% darker color. If you saturate the color by 10%, you get **39.7694, 0.3937, 0.3986**, and if you desaturate by 10%, it is **46.5240, 0.3525, 0.3661**.

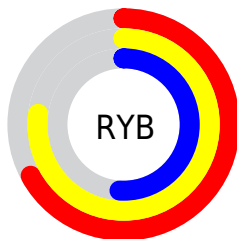
Distribution



Red (77%)

Green (67%)

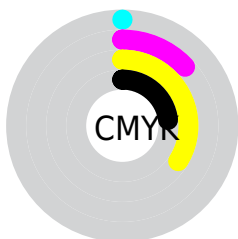
Blue (51%)



Red (67%)

Yellow (77%)

Blue (51%)

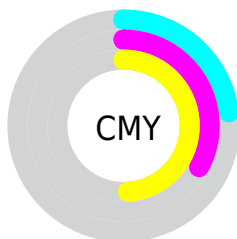


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0141, 0.3724, 0.3825 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 43.0141, 0.3724, 0.3825 by changing the saturation by 10% instead.

 43.0141, 0.3724,
0.3825


 43.0141, 0.3724,
0.3825


358.6698, 0.3423,
0.3559


 29.8962, 0.3799,
0.3890


 79.7321, 0.3614,
0.3729

 19.7598, 0.3895,
0.3972


 104.1010, 0.3573,
0.3693

 12.2206, 0.4021,
0.4079

 132.9891, 0.3539,
0.3662

 6.8941, 0.4192,
0.4220

166.7806, 0.3509,
0.3635

 3.3959, 0.4433,
0.4411

205.8600, 0.3483,
0.3612

 1.3418, 0.5062,
0.4938

250.6118, 0.3460,

 0.1732, 0.5796,

0.3592

0.4204

301.4202, 0.3441,
0.3575

0.0000, 0.0000,
0.0000

43.0141, 0.3724,
0.3825

43.0141, 0.3724,
0.3825

39.7694, 0.3937,
0.3986

46.5240, 0.3525,
0.3661

36.7756, 0.4160,
0.4134

50.3010, 0.3344,
0.3498

34.0256, 0.4386,
0.4259

54.3545, 0.3180,
0.3343

31.5096, 0.4603,
0.4349

58.6916, 0.3034,
0.3196

29.2166, 0.4800,
0.4394

63.3189, 0.2905,
0.3059

■ 27.1338, 0.4967,
0.4387

■ 68.2431, 0.2790,
0.2933

■ 25.8823, 0.5062,
0.4362

■ 72.5423, 0.2763,
0.2956

■ 76.6498, 0.2770,
0.3039

■ 80.9357, 0.2776,
0.3120

Harmonies

Analogous

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



43.0141, 0.3834, 0.3592



43.0141, 0.3724, 0.3825



43.0141, 0.3453, 0.3925

Triad

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



43.0141, 0.3724, 0.3825



43.0141, 0.2546, 0.3227



43.0141, 0.3118, 0.2817

Complementary

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



43.0141, 0.3724, 0.3825



32.6358, 0.2580, 0.2687

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.



43.0141, 0.2783, 0.2716



43.0141, 0.3724, 0.3825



43.0141, 0.2468, 0.2929

Square

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



43.0141, 0.3724, 0.3825



43.0141, 0.2775, 0.3569



43.0141, 0.2551, 0.2750



43.0141, 0.3474, 0.3027

Rectangle

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



43.0141, 0.3724, 0.3825



43.0141, 0.3224, 0.3887



43.0141, 0.2551, 0.2750



43.0141, 0.2999, 0.2769

Sweetspot

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



43.0161, 0.3724, 0.3825



92.4545, 0.3287, 0.3445



30.5125, 0.3602, 0.2957



19.5710, 0.3311, 0.3468



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.



43.0161, 0.3724, 0.3825



72.8516, 0.3874, 0.3940



52.4392, 0.3560, 0.4136



11.7156, 0.3274, 0.3433



17.1854, 0.5048, 0.4374



0.9501, 0.4825, 0.4551

Inverse Universe

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



32.6358, 0.2580, 0.2687



51.5377, 0.2456, 0.2534



25.7235, 0.2599, 0.2322



10.9352, 0.2983, 0.3143



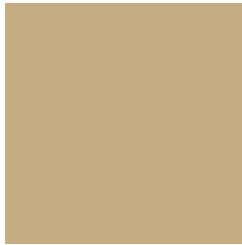
6.0792, 0.1672, 0.1218



0.4271, 0.1791, 0.1646

Previews

White Background



This preview shows how the Yxy color 43.0141, 0.3724, 0.3825 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 43.0141, 0.3724, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

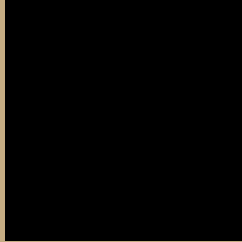
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0141, 0.3724, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 43.0141, 0.3724, 0.3825.



This preview shows how white text looks on a background with the Yxy color 43.0141, 0.3724, 0.3825.

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

43.0141, 0.3724, 0.3825

Protanopia

43.0173, 0.3616, 0.3866

Deuteranopia

42.9366, 0.3829, 0.3745



Tritanopia

43.0837, 0.3349, 0.3128

Trichromacy



Original Color

43.0141, 0.3724, 0.3825

Protanomaly

43.0144, 0.3649, 0.3848

Deuteranomaly

42.7384, 0.3786, 0.3764

Tritanomaly

42.8933, 0.3482, 0.3368

Monochromacy



Original Color

43.0141, 0.3724, 0.3825

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8426, 0.3336, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0141, 0.3724, 0.3825 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(197, 172, 131)` looks like.

```
.text, #text, p{  
    color:rgb(197, 172, 131)  
}
```

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(197, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 172, 131) }
```

Border

The CSS property to change the border of an element to Yxy 43.0141, 0.3724, 0.3825 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(197, 172, 131) }
```

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

```
.border{ border-color:rgb(197, 172, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 172, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 172, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 172, 131);  
box-shadow:4px 4px 4px 4px rgb(197, 172,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0141, 0.3724, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 172, 131) }
```

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

```
.background{ background-color: rgb(197,  
172, 131) }
```

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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