

Converting Colors

$Y_{xy}(40.7587, 0.3811, 0.3615)$

Have a look what the booklet for
Yxy(40.7587, 0.3811, 0.3615)
contains.

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Color

Yxy(40.8836, 0.3817, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	CFA288
RGB	207, 162, 136
RGB Percent	81%, 64%, 53%
CMY	0.1883, 0.3647, 0.4665
CMYK	0.00, 0.22, 0.34, 0.19
HSL	22°, 42%, 67%
HSV	22°, 34%, 81%
XYZ	43.0966, 40.8836, 28.9268
YIQ	172.4910, 35.1660, 1.4540

Conversions

Conversions Part 2

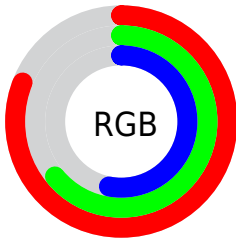
Format	Color
R _Y B	207, 177, 136
Decimal	13607560
CIE Lab	70.09, 13.03, 19.87
CIE LCh	70, 23.758, 56.745
Yxy	40.8836, 0.3817, 0.3621
Android (android.graphics.Color)	4291797640 (0xFFCFA288)
YUV	172.4910, -17.9901, 30.2644
Hunter-Lab	63.9403, 8.4158, 17.9352

Details

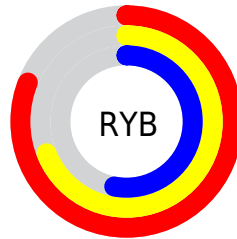
The Yxy color **40.8836, 0.3817, 0.3621** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7997, 0.2599, 0.2931**, and the grayscale version is **41.5984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5598, 0.3611, 0.3578**, and **18.4031, 0.4026, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **35.9674, 0.4091, 0.3719**, and if you desaturate by 10%, it is **46.3999, 0.3577, 0.3520**.

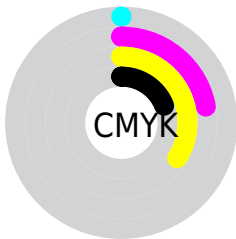
Distribution



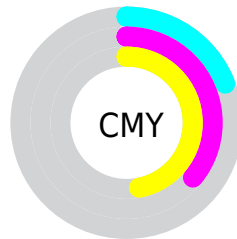
- Red (81%)
- Green (64%)
- Blue (53%)



- Red (81%)
- Yellow (69%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (19%)





- Cyan (19%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8836, 0.3817, 0.3621 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 40.8836, 0.3817, 0.3621 by changing the saturation by 10% instead.


 40.8836, 0.3817,
0.3621

 40.8836, 0.3817,
0.3621


349.8339, 0.3462,
0.3461

 28.2281, 0.3908,
0.3658


 76.5072, 0.3686,
0.3565

 18.4977, 0.4026,
0.3704


 100.2441, 0.3638,
0.3543

 11.3079, 0.4184,
0.3761


 128.4436, 0.3597,
0.3525

 6.2743, 0.4407,
0.3832

161.4901, 0.3562,
0.3508

 3.0126, 0.4738,
0.3917

199.7679, 0.3532,
0.3494

 1.1383, 0.5691,
0.4309

243.6616, 0.3506,

 0.0104, 0.9692,

0.3482

0.0308

293.5555, 0.3483,
0.3471

0.0000, 0.0000,
0.0000

40.8836, 0.3817,
0.3621

40.8836, 0.3817,
0.3621

35.9674, 0.4091,
0.3719

46.3999, 0.3577,
0.3520

31.6242, 0.4399,
0.3806

52.5307, 0.3371,
0.3422

27.8332, 0.4730,
0.3872

59.2969, 0.3194,
0.3328

24.5700, 0.5069,
0.3904

66.7169, 0.3044,
0.3241

21.8079, 0.5391,
0.3891

74.8081, 0.2916,
0.3160

■ 19.5172, 0.5667,
0.3826

■ 83.2457, 0.2835,
0.3140

■ 18.3990, 0.5804,
0.3774

■ 91.2864, 0.2843,
0.3278

■ 92.0040, 0.2844,
0.3289

Harmonies

Analogous

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



40.8836, 0.3752, 0.3341



40.8836, 0.3817, 0.3621



40.8836, 0.3686, 0.3836

Triad

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



40.8836, 0.3817, 0.3621



40.8836, 0.2746, 0.3522



40.8836, 0.2827, 0.2732

Complementary

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



40.8836, 0.3817, 0.3621



42.7997, 0.2599, 0.2931

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.



40.8836, 0.2584, 0.2748



40.8836, 0.3817, 0.3621



40.8836, 0.2538, 0.3187

Square

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



40.8836, 0.3817, 0.3621



40.8836, 0.3061, 0.3799



40.8836, 0.2481, 0.2906



40.8836, 0.3164, 0.2847

Rectangle

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



40.8836, 0.3817, 0.3621



40.8836, 0.3511, 0.3906



40.8836, 0.2481, 0.2906



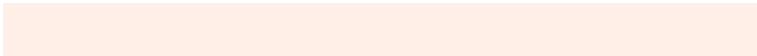
40.8836, 0.2733, 0.2722

Sweetspot

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



40.8855, 0.3817, 0.3621



88.5800, 0.3294, 0.3382



34.2675, 0.3414, 0.2721



18.6345, 0.3320, 0.3396



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.



40.8855, 0.3817, 0.3621



59.7483, 0.4012, 0.3692



54.6797, 0.3679, 0.4023



12.5066, 0.3282, 0.3376



11.7590, 0.5779, 0.3794



0.8070, 0.5429, 0.4071

Inverse Universe

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



42.7997, 0.2599, 0.2931



63.2372, 0.2491, 0.2841



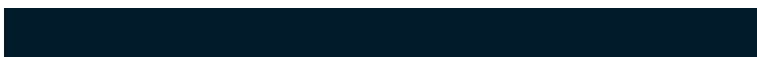
30.5109, 0.2533, 0.2430



12.6492, 0.2983, 0.3203



13.2926, 0.1904, 0.2054



0.8917, 0.1974, 0.2306

Previews

White Background



This preview shows how the Yxy color 40.8836, 0.3817, 0.3621 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 40.8836, 0.3817, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

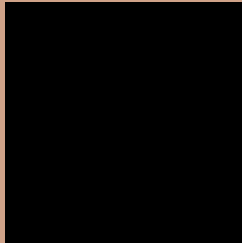
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8836, 0.3817, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 40.8836, 0.3817, 0.3621.



This preview shows how white text looks on a background with the Yxy color 40.8836, 0.3817, 0.3621.

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

40.8836, 0.3817, 0.3621

Protanopia

40.9644, 0.3500, 0.3716

Deuteranopia

40.9672, 0.3735, 0.3668



Tritanopia

40.6802, 0.3538, 0.3143

Trichromacy



Original Color

40.8836, 0.3817, 0.3621

Protanomaly

40.9457, 0.3607, 0.3679

Deuteranomaly

41.0250, 0.3769, 0.3651

Tritanomaly

40.7859, 0.3641, 0.3317

Monochromacy



Original Color

40.8836, 0.3817, 0.3621

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8228, 0.3366, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8836, 0.3817, 0.3621 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, 162, 136)` looks like.

```
.text, #text, p{  
    color:rgb(207, 162, 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(207, 162, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 162, 136) }
```

Border

The CSS property to change the border of an element to Yxy 40.8836, 0.3817, 0.3621 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, 162, 136) }
```

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

```
.border{ border-color:rgb(207, 162, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 162, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 162, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 162, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 162,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8836, 0.3817, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 162, 136) }
```

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

```
.background{ background-color: rgb(207,  
162, 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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