

Converting Colors

$Yxy(36.4386, 0.3809, 0.3724)$

Have a look what the booklet for
Yxy(36.4386, 0.3809, 0.3724)
contains.

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Color

Yxy(36.4386, 0.3809, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	C09C7C
RGB	192, 156, 124
RGB Percent	75%, 61%, 49%
CMY	0.2469, 0.3883, 0.5137
CMYK	0.00, 0.19, 0.35, 0.25
HSL	28°, 35%, 62%
HSV	28°, 35%, 75%
XYZ	37.2703, 36.4386, 24.1391
YIQ	163.1160, 31.7280, -2.3200

Conversions

Conversions Part 2

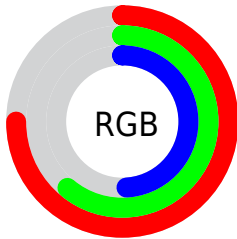
Format	Color
R_{YB}	192, 184, 124
Decimal	12622972
CIE _{Lab}	66.85, 8.84, 21.81
CIE _{LCh}	67, 23.530, 67.929
Yxy	36.4386, 0.3809, 0.3724
Android (android.graphics.Color)	4290813052 (0xFFC09C7C)
YUV	163.1160, -19.2842, 25.3313
Hunter-Lab	60.3644, 4.5721, 18.5456

Details

The Yxy color **36.4386, 0.3809, 0.3724** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.2481, 0.2569, 0.2809**, and the grayscale version is **36.7671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4072, 0.3672, 0.3639**, and **15.9295, 0.4017, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **32.7286, 0.4060, 0.3847**, and if you desaturate by 10%, it is **40.5325, 0.3584, 0.3597**.

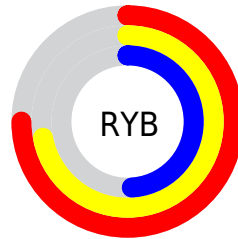
Distribution



Red (75%)

Green (61%)

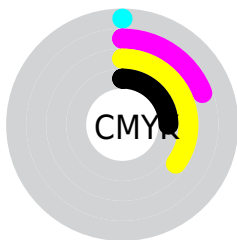
Blue (49%)



Red (75%)

Yellow (72%)

Blue (49%)

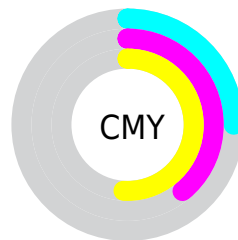


Cyan (0%)

Magenta (19%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4386, 0.3809, 0.3724 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 36.4386, 0.3809, 0.3724 by changing the saturation by 10% instead.


 36.4386, 0.3809,
0.3724


 36.4386, 0.3809,
0.3724

330.8735, 0.3453,
0.3507


 24.7731, 0.3902,
0.3777


 69.7085, 0.3677,
0.3646

 15.9081, 0.4023,
0.3844


 92.0817, 0.3628,
0.3616

 9.4591, 0.4187,
0.3930


 118.7930, 0.3587,
0.3591

 5.0419, 0.4419,
0.4041

150.2266, 0.3552,
0.3569

 2.2718, 0.4824,
0.4232

186.7671, 0.3522,
0.3551

 0.7587, 0.5535,
0.4465


228.7989, 0.3496,


 0.0000, 0.0000,


0.3534


0.0000


276.7062, 0.3473,
0.3520


 36.4386, 0.3809,
0.3724


 36.4386, 0.3809,
0.3724


 32.7286, 0.4060,
0.3847

 40.5325, 0.3584,
0.3597


 29.3850, 0.4332,
0.3958

 45.0171, 0.3385,
0.3472


 26.3962, 0.4618,
0.4045


 49.9053, 0.3212,
0.3352

 23.7477, 0.4904,
0.4096

 55.2078, 0.3061,
0.3239


 21.4237, 0.5171,
0.4100


 60.9348, 0.2930,
0.3135


 19.4062, 0.5401,
0.4050

 67.0962, 0.2816,
0.3039

 18.5736, 0.5498,
0.4016

 73.4789, 0.2736,
0.2986

 79.2157, 0.2746,
0.3099

 85.2869, 0.2756,
0.3210

Harmonies

Analogous

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



36.4386, 0.3819, 0.3452



36.4386, 0.3809, 0.3724



36.4386, 0.3608, 0.3902

Triad

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



36.4386, 0.3809, 0.3724



36.4386, 0.2639, 0.3400



36.4386, 0.2940, 0.2746

Complementary

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



36.4386, 0.3809, 0.3724



33.2481, 0.2569, 0.2809

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.



36.4386, 0.2647, 0.2710



36.4386, 0.3809, 0.3724



36.4386, 0.2481, 0.3064

Square

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



36.4386, 0.3809, 0.3724



36.4386, 0.2930, 0.3723



36.4386, 0.2484, 0.2818



36.4386, 0.3301, 0.2908

Rectangle

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



36.4386, 0.3809, 0.3724



36.4386, 0.3400, 0.3930



36.4386, 0.2484, 0.2818



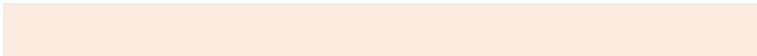
36.4386, 0.2831, 0.2719

Sweetspot

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



36.4403, 0.3809, 0.3724



85.2118, 0.3309, 0.3420



28.1749, 0.3516, 0.2804



18.0245, 0.3333, 0.3437



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.4403, 0.3809, 0.3724



60.4007, 0.4014, 0.3826



49.3890, 0.3663, 0.4135



10.8414, 0.3277, 0.3399



12.6473, 0.5478, 0.4032



0.6843, 0.5119, 0.4318

Inverse Universe

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



33.2481, 0.2569, 0.2809



53.7023, 0.2439, 0.2674



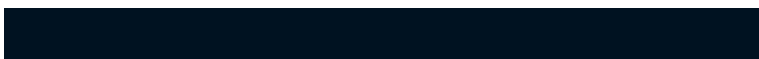
23.0841, 0.2497, 0.2276



10.6115, 0.2984, 0.3179



9.0742, 0.1804, 0.1695



0.5292, 0.1912, 0.2082

Previews

White Background



This preview shows how the Yxy color 36.4386, 0.3809, 0.3724 looks on a white background.

Color Contrast Check

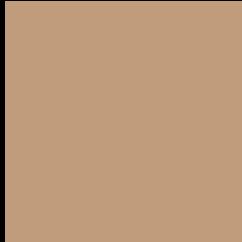
Large Text (above 18pt) WCAG AA × Fail

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 36.4386, 0.3809, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

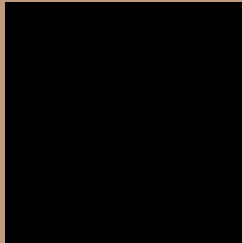
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4386, 0.3809, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 36.4386, 0.3809, 0.3724.



This preview shows how white text looks on a background with the Yxy color 36.4386, 0.3809, 0.3724.

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

36.4386, 0.3809, 0.3724

Protanopia

36.7254, 0.3564, 0.3807

Deuteranopia

36.3085, 0.3798, 0.3726



Tritanopia

36.4776, 0.3481, 0.3147

Trichromacy



Original Color

36.4386, 0.3809, 0.3724

Protanomaly

36.4717, 0.3657, 0.3769

Deuteranomaly

36.3085, 0.3798, 0.3726

Tritanomaly

36.5227, 0.3608, 0.3358

Monochromacy



Original Color

36.4386, 0.3809, 0.3724

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3102, 0.3366, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4386, 0.3809, 0.3724 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(192, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 124)  
}
```

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(192, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 124) }
```

Border

The CSS property to change the border of an element to Yxy 36.4386, 0.3809, 0.3724 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(192, 156, 124) }
```

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

```
.border{ border-color:rgb(192, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4386, 0.3809, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 124) }
```

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

```
.background{ background-color: rgb(192,  
156, 124) }
```

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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