

Converting Colors

$Yxy(38.6472, 0.3935, 0.4076)$

Have a look what the booklet for
Yxy(38.6472, 0.3935, 0.4076)
contains.

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Color

Yxy(38.6472, 0.3935, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	BFA469
RGB	191, 164, 105
RGB Percent	75%, 64%, 41%
CMY	0.2510, 0.3568, 0.5882
CMYK	0.00, 0.14, 0.45, 0.25
HSL	41°, 40%, 58%
HSV	41°, 45%, 75%
XYZ	37.3103, 38.6472, 18.8590
YIQ	165.3470, 35.0310, -12.6250

Conversions

Conversions Part 2

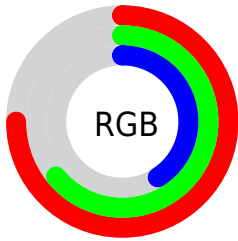
Format	Color
RYB	144, 191, 105
Decimal	12559465
CIELab	68.49, 1.90, 34.20
CIELCh	68, 34.249, 86.823
Yxy	38.6472, 0.3935, 0.4076
Android (android.graphics.Color)	4290749545 (0xFFBFA469)
YUV	165.3470, -29.7511, 22.4977
Hunter-Lab	62.1669, -1.6628, 25.5305

Details

The Yxy color **38.6472, 0.3935, 0.4076** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.2659, 0.2365, 0.2343**, and the grayscale version is **37.9361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2371, 0.3789, 0.3937**, and **17.1081, 0.4172, 0.4284** is the 20% darker color. If you saturate the color by 10%, you get **36.2039, 0.4139, 0.4234**, and if you desaturate by 10%, it is **41.2834, 0.3735, 0.3903**.

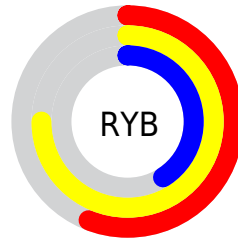
Distribution



Red (75%)

Green (64%)

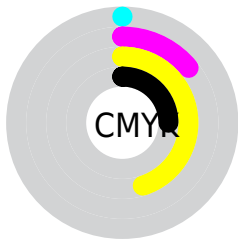
Blue (41%)



Red (56%)

Yellow (75%)

Blue (41%)

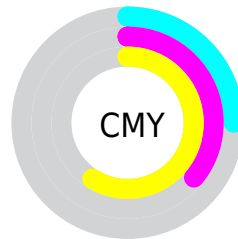


Cyan (0%)

Magenta (14%)

Yellow (45%)

Black (25%)



Cyan (25%)

Magenta (36%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6472, 0.3935, 0.4076 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 38.6472, 0.3935, 0.4076 by changing the saturation by 10% instead.


 38.6472, 0.3935,
0.4076


 38.6472, 0.3935,
0.4076


340.3882, 0.3526,
0.3682


 26.4854, 0.4035,
0.4171


 73.0990, 0.3787,
0.3935


 17.1871, 0.4160,
0.4289


 96.1579, 0.3731,
0.3881

 10.3680, 0.4320,
0.4437


 123.6178, 0.3684,
0.3835

 5.6436, 0.4523,
0.4620

 155.8633, 0.3643,
0.3796

 2.6296, 0.4968,
0.5032

193.2787, 0.3608,
0.3762

 0.9416, 0.5007,
0.4993

236.2483, 0.3577,

 0.0000, 0.0000,

0.3732

0.0000

285.1567, 0.3550,
0.3706

■ 38.6472, 0.3935,
0.4076

■ 38.6472, 0.3935,
0.4076

■ 36.2039, 0.4139,
0.4234

■ 41.2834, 0.3735,
0.3903

■ 33.9408, 0.4339,
0.4367

■ 44.1140, 0.3544,
0.3724

■ 31.8516, 0.4526,
0.4464

■ 47.1469, 0.3366,
0.3546

■ 29.9271, 0.4689,
0.4515

■ 50.3882, 0.3203,
0.3373

■ 28.1562, 0.4823,
0.4516

■ 53.8435, 0.3056,
0.3210

■ 27.3217, 0.4882,
0.4505

■ 57.5181, 0.2923,
0.3057

■ 61.4171, 0.2805,
0.2915

■ 65.3637, 0.2715,
0.2813

■ 68.4159, 0.2721,
0.2882

Harmonies

Analogous

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



38.6472, 0.4139, 0.3747



38.6472, 0.3935, 0.4076



38.6472, 0.3519, 0.4216

Triad

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



38.6472, 0.3935, 0.4076



38.6472, 0.2281, 0.3121



38.6472, 0.3174, 0.2661

Complementary

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



38.6472, 0.3935, 0.4076



23.2659, 0.2365, 0.2343

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.



38.6472, 0.2689, 0.2497



38.6472, 0.3935, 0.4076



38.6472, 0.2206, 0.2719

Square

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



38.6472, 0.3935, 0.4076



38.6472, 0.2568, 0.3631



38.6472, 0.2348, 0.2509



38.6472, 0.3685, 0.2962

Rectangle

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



38.6472, 0.3935, 0.4076



38.6472, 0.3185, 0.4147



38.6472, 0.2348, 0.2509



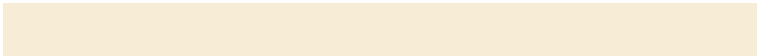
38.6472, 0.3002, 0.2589

Sweetspot

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



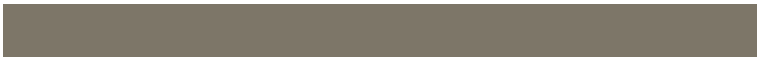
38.6490, 0.3935, 0.4076



84.8964, 0.3352, 0.3532



22.8525, 0.3924, 0.2919



18.3735, 0.3390, 0.3570



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.



38.6490, 0.3935, 0.4076



64.9159, 0.4136, 0.4232



47.4198, 0.3643, 0.4440



10.6016, 0.3272, 0.3447



18.1058, 0.4871, 0.4515



0.8213, 0.4672, 0.4673

Inverse Universe

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



23.2659, 0.2365, 0.2343



33.9769, 0.2190, 0.2090



17.9142, 0.2430, 0.1952



9.7009, 0.2984, 0.3128



4.7209, 0.1625, 0.1050



0.3053, 0.1766, 0.1557

Previews

White Background



This preview shows how the Yxy color 38.6472, 0.3935, 0.4076 looks on a white background.

Color Contrast Check

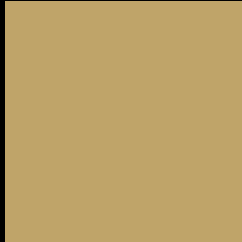
Large Text (above 18pt) WCAG AA × Fail

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 38.6472, 0.3935, 0.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

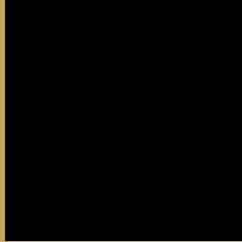
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6472, 0.3935, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 38.6472, 0.3935, 0.4076.



This preview shows how white text looks on a background with the Yxy color 38.6472, 0.3935, 0.4076.

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

38.6472, 0.3935, 0.4076

Protanopia

38.6231, 0.3818, 0.4129

Deuteranopia

38.7388, 0.4063, 0.3981



Tritanopia

38.4744, 0.3421, 0.3135

Trichromacy



Original Color

38.6472, 0.3935, 0.4076

Protanomaly

38.6273, 0.3854, 0.4107

Deuteranomaly

38.5361, 0.4016, 0.4005

Tritanomaly

38.4427, 0.3619, 0.3477

Monochromacy



Original Color

38.6472, 0.3935, 0.4076

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.8921, 0.3411, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6472, 0.3935, 0.4076 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(191, 164, 105)` looks like.

```
.text, #text, p{  
    color:rgb(191, 164, 105)  
}
```

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(191, 164, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 164, 105) }
```

Border

The CSS property to change the border of an element to Yxy 38.6472, 0.3935, 0.4076 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(191, 164, 105) }
```

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

```
.border{ border-color:rgb(191, 164, 105) }
```

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

Here you see how a box with a 4 pixel rgb(191, 164, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 164, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 164, 105);  
box-shadow:4px 4px 4px 4px rgb(191, 164,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6472, 0.3935, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 164, 105) }
```

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

```
.background{ background-color: rgb(191,  
164, 105) }
```

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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