

Converting Colors

Yxy(36.8008, 0.3898, 0.4040)

Have a look what the booklet for
Yxy(36.8008, 0.3898, 0.4040)
contains.

Yxy(36.9694, 0.3892, 0.4042)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.9694, 0.3892, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	BAA16A
RGB	186, 161, 106
RGB Percent	73%, 63%, 42%
CMY	0.2706, 0.3686, 0.5843
CMYK	0.00, 0.13, 0.43, 0.27
HSL	41°, 37%, 57%
HSV	41°, 43%, 73%
XYZ	35.5975, 36.9694, 18.8963
YIQ	162.2050, 32.5550, -11.8050

Conversions

Conversions Part 2

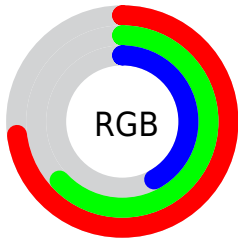
Format	Color
RYB	142, 186, 106
Decimal	12231018
CIELab	67.25, 1.56, 31.98
CIElCh	67, 32.021, 87.214
Yxy	36.9694, 0.3892, 0.4042
Android (android.graphics.Color)	4290421098 (0xFFBAA16A)
YUV	162.2050, -27.7091, 20.8682
Hunter-Lab	60.8025, -1.8996, 24.1355

Details

The Yxy color **36.9694, 0.3892, 0.4042** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **22.8453, 0.2402, 0.2394**, and the grayscale version is **36.3546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6350, 0.3745, 0.3908**, and **16.2726, 0.4111, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **34.6401, 0.4095, 0.4204**, and if you desaturate by 10%, it is **39.4805, 0.3694, 0.3867**.

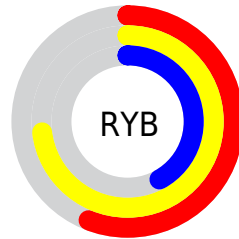
Distribution



Red (73%)

Green (63%)

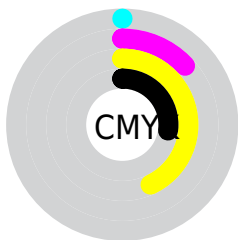
Blue (42%)



Red (56%)

Yellow (73%)

Blue (42%)

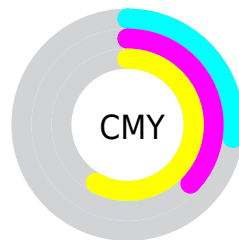


Cyan (0%)

Magenta (13%)

Yellow (43%)

Black (27%)



Cyan (27%)


Magenta (37%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9694, 0.3892, 0.4042 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 36.9694, 0.3892, 0.4042 by changing the saturation by 10% instead.


 36.9694, 0.3892,
0.4042


 36.9694, 0.3892,
0.4042


333.1780, 0.3501,
0.3661

 25.1838, 0.3989,
0.4136


 70.5257, 0.3750,
0.3904

 16.2140, 0.4112,
0.4253


 93.0652, 0.3696,
0.3852

 9.6757, 0.4270,
0.4403


 119.9582, 0.3651,
0.3808

 5.1845, 0.4476,
0.4593

 151.5889, 0.3612,
0.3770

 2.3559, 0.4954,
0.5046

188.3419, 0.3579,
0.3737

 0.8031, 0.4994,
0.5006


230.6015, 0.3550,


 0.0000, 0.0000,


0.3708


0.0000


278.7520, 0.3524,
0.3683


 36.9694, 0.3892,
0.4042


 36.9694, 0.3892,
0.4042


 34.6401, 0.4095,
0.4204


 39.4805, 0.3694,
0.3867


 32.4808, 0.4296,
0.4343


 42.1746, 0.3506,
0.3688

 30.4858, 0.4485,
0.4449

 45.0592, 0.3332,
0.3510

 28.6466, 0.4654,
0.4510

 48.1397, 0.3172,
0.3340

 26.9535, 0.4793,
0.4523

 51.4214, 0.3028,
0.3178

■ 25.8443, 0.4877,
0.4509

■ 54.9091, 0.2898,
0.3027

■ 58.6077, 0.2783,
0.2888

■ 62.5217, 0.2680,
0.2760

■ 65.4123, 0.2685,
0.2825

Harmonies

Analogous

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



36.9694, 0.4087, 0.3733



36.9694, 0.3892, 0.4042



36.9694, 0.3495, 0.4167

Triad

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



36.9694, 0.3892, 0.4042



36.9694, 0.2319, 0.3126



36.9694, 0.3180, 0.2693

Complementary

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



36.9694, 0.3892, 0.4042



22.8453, 0.2402, 0.2394

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.



36.9694, 0.2716, 0.2535



36.9694, 0.3892, 0.4042



36.9694, 0.2249, 0.2745

Square

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



36.9694, 0.3892, 0.4042



36.9694, 0.2591, 0.3607



36.9694, 0.2388, 0.2545



36.9694, 0.3663, 0.2983

Rectangle

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



36.9694, 0.3892, 0.4042



36.9694, 0.3178, 0.4097



36.9694, 0.2388, 0.2545



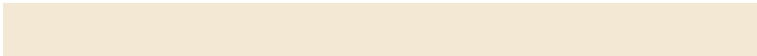
36.9694, 0.3016, 0.2623

Sweetspot

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



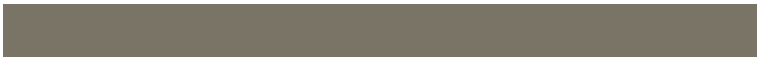
36.9711, 0.3892, 0.4042



81.5551, 0.3335, 0.3514



22.3970, 0.3871, 0.2936



17.6976, 0.3373, 0.3553



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.9711, 0.3892, 0.4042



62.8431, 0.4092, 0.4202



44.8575, 0.3622, 0.4388



10.0169, 0.3271, 0.3447



17.5244, 0.4866, 0.4518



0.7230, 0.4654, 0.4687

Inverse Universe

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



22.8453, 0.2402, 0.2394



33.8185, 0.2226, 0.2143



17.8959, 0.2469, 0.2022



9.1653, 0.2985, 0.3128



4.5499, 0.1625, 0.1049



0.2744, 0.1777, 0.1597

Previews

White Background



This preview shows how the Yxy color 36.9694, 0.3892, 0.4042 looks on a white background.

Color Contrast Check

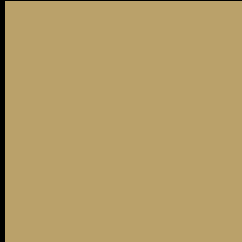
Large Text (above 18pt) WCAG AA × Fail

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 36.9694, 0.3892, 0.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

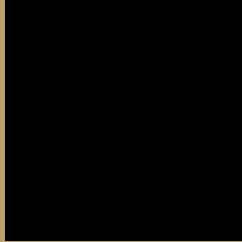
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9694, 0.3892, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 36.9694, 0.3892, 0.4042.



This preview shows how white text looks on a background with the Yxy color 36.9694, 0.3892, 0.4042.

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

36.9694, 0.3892, 0.4042

Protanopia

37.0774, 0.3784, 0.4091

Deuteranopia

37.0458, 0.4021, 0.3947



Tritanopia

37.0708, 0.3394, 0.3132

Trichromacy



Original Color

36.9694, 0.3892, 0.4042

Protanomaly

37.0797, 0.3820, 0.4069

Deuteranomaly

36.8527, 0.3973, 0.3971

Tritanomaly

37.0747, 0.3584, 0.3467

Monochromacy



Original Color

36.9694, 0.3892, 0.4042

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.4516, 0.3397, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9694, 0.3892, 0.4042 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(186, 161, 106)` looks like.

```
.text, #text, p{  
    color:rgb(186, 161, 106)  
}
```

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(186, 161, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 161, 106) }
```

Border

The CSS property to change the border of an element to Yxy 36.9694, 0.3892, 0.4042 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(186, 161, 106) }
```

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

```
.border{ border-color:rgb(186, 161, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 161, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 161, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 161, 106);  
box-shadow:4px 4px 4px 4px rgb(186, 161,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9694, 0.3892, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 161, 106) }
```

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

```
.background{ background-color: rgb(186,  
161, 106) }
```

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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