

Converting Colors

$Yxy(30.0745, 0.3976, 0.4099)$

Have a look what the booklet for
Yxy(30.0745, 0.3976, 0.4099)
contains.

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Color

Yxy(30.0838, 0.3974, 0.4097)

Conversions

Conversions Part 1

Format	Color
Hex	AC925B
RGB	172, 146, 91
RGB Percent	67%, 57%, 36%
CMY	0.3255, 0.4274, 0.6432
CMYK	0.00, 0.15, 0.47, 0.33
HSL	41°, 33%, 52%
HSV	41°, 47%, 67%
XYZ	29.1806, 30.0838, 14.1644
YIQ	147.5040, 33.1510, -11.5930

Conversions

Conversions Part 2

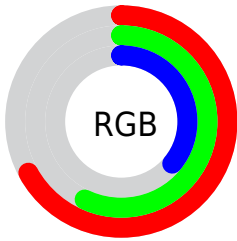
Format	Color
RYB	129, 172, 91
Decimal	11309659
CIELab	61.73, 2.28, 32.67
CIElCh	62, 32.751, 86.014
Yxy	30.0838, 0.3974, 0.4097
Android (android.graphics.Color)	4289499739 (0xFFAC925B)
YUV	147.5040, -27.8565, 21.4830
Hunter-Lab	54.8487, -1.0196, 23.0827

Details

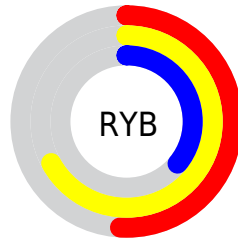
The Yxy color **30.0838, 0.3974, 0.4097** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.9231, 0.2336, 0.2310**, and the grayscale version is **29.5054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9196, 0.3809, 0.3945**, and **12.3917, 0.4239, 0.4345** is the 20% darker color. If you saturate the color by 10%, you get **28.1605, 0.4179, 0.4249**, and if you desaturate by 10%, it is **32.1601, 0.3772, 0.3929**.

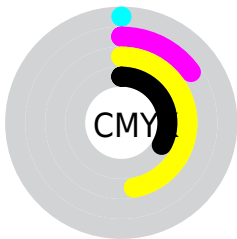
Distribution



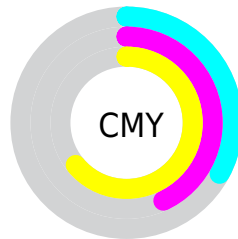
- Red (67%)
- Green (57%)
- Blue (36%)



- Red (51%)
- Yellow (67%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0838, 0.3974, 0.4097 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 30.0838, 0.3974, 0.4097 by changing the saturation by 10% instead.


 30.0838, 0.3974,
0.4097


 30.0838, 0.3974,
0.4097


302.2949, 0.3528,
0.3677


 19.9022, 0.4088,
0.4202


 59.7947, 0.3809,
0.3943

 12.3240, 0.4234,
0.4335


 80.0927, 0.3747,
0.3885

 6.9647, 0.4423,
0.4502


 104.5318, 0.3696,
0.3837

 3.4400, 0.4745,
0.4789

 133.4961, 0.3652,
0.3795

 1.3656, 0.5015,
0.4985

167.3702, 0.3615,
0.3760

 0.1911, 0.5538,
0.4462

206.5384, 0.3582,

 0.0000, 0.0000,

0.3729

0.0000

251.3852, 0.3554,
0.3701

■ 30.0838, 0.3974,
0.4097

■ 30.0838, 0.3974,
0.4097

■ 28.1605, 0.4179,
0.4249

■ 32.1601, 0.3772,
0.3929

■ 26.3802, 0.4378,
0.4375

■ 34.3906, 0.3580,
0.3753

■ 24.7378, 0.4564,
0.4463

■ 36.7818, 0.3400,
0.3577

■ 23.2259, 0.4725,
0.4505

■ 39.3383, 0.3235,
0.3406

■ 21.8341, 0.4858,
0.4500

■ 42.0646, 0.3085,
0.3244

■ 21.4474, 0.4895,
0.4496

■ 44.9649, 0.2951,
0.3091

■ 48.0433, 0.2830,
0.2950

■ 51.3038, 0.2723,
0.2819

■ 54.7500, 0.2627,
0.2699

Harmonies

Analogous

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



30.0838, 0.4181, 0.3750



30.0838, 0.3974, 0.4097



30.0838, 0.3545, 0.4254

Triad

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



30.0838, 0.3974, 0.4097



30.0838, 0.2255, 0.3126



30.0838, 0.3160, 0.2632

Complementary

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



30.0838, 0.3974, 0.4097



17.9231, 0.2336, 0.2310

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.



30.0838, 0.2660, 0.2467



30.0838, 0.3974, 0.4097



30.0838, 0.2172, 0.2705

Square

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



30.0838, 0.3974, 0.4097



30.0838, 0.2556, 0.3659



30.0838, 0.2313, 0.2484



30.0838, 0.3694, 0.2940

Rectangle

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



30.0838, 0.3974, 0.4097



30.0838, 0.3200, 0.4190



30.0838, 0.2313, 0.2484



30.0838, 0.2982, 0.2559

Sweetspot

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



30.0852, 0.3974, 0.4097



68.0149, 0.3352, 0.3528



17.5599, 0.3948, 0.2886



14.5747, 0.3387, 0.3564



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.0852, 0.3974, 0.4097



50.7767, 0.4197, 0.4262



37.5812, 0.3674, 0.4477



8.8902, 0.3270, 0.3444



16.0623, 0.4886, 0.4503



0.5400, 0.4631, 0.4705

Inverse Universe

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



17.9231, 0.2336, 0.2310



25.9628, 0.2146, 0.2032



13.4324, 0.2384, 0.1889



8.1612, 0.2986, 0.3132



4.3537, 0.1632, 0.1075



0.2215, 0.1809, 0.1712

Previews

White Background



This preview shows how the Yxy color 30.0838, 0.3974, 0.4097 looks on a white background.

Color Contrast Check

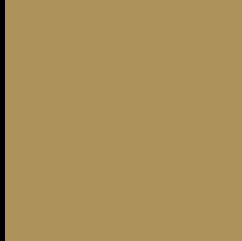
Large Text (above 18pt) WCAG AA × Fail

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 30.0838, 0.3974, 0.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

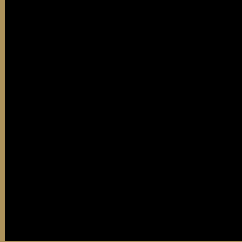
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0838, 0.3974, 0.4097

Background



This preview shows how black text looks on a background with the Yxy color 30.0838, 0.3974, 0.4097.



This preview shows how white text looks on a background with the Yxy color 30.0838, 0.3974, 0.4097.

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

30.0838, 0.3974, 0.4097

Protanopia

30.0541, 0.3843, 0.4157

Deuteranopia

30.2414, 0.4087, 0.4011



Tritanopia

30.1322, 0.3442, 0.3134

Trichromacy



Original Color

30.0838, 0.3974, 0.4097

Protanomaly

30.0595, 0.3883, 0.4132

Deuteranomaly

30.1842, 0.4046, 0.4035

Tritanomaly

30.1611, 0.3641, 0.3482

Monochromacy



Original Color

30.0838, 0.3974, 0.4097

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.5678, 0.3434, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0838, 0.3974, 0.4097 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(172, 146, 91)` looks like.

```
.text, #text, p{  
    color:rgb(172, 146, 91)  
}
```

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(172, 146, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 146, 91) }
```

Border

The CSS property to change the border of an element to Yxy 30.0838, 0.3974, 0.4097 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(172, 146, 91) }
```

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

```
.border{ border-color:rgb(172, 146, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 146, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 146, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 146, 91);  
box-shadow:4px 4px 4px 4px rgb(172, 146,  
91) }
```


Background

The CSS property to change the background color of an element to `Yxy 30.0838, 0.3974, 0.4097` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 146, 91) }
```

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

```
.background{ background-color: rgb(172,  
146, 91) }
```

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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