

Converting Colors

Yxy(31.3665, 0.4274, 0.4252)

Have a look what the booklet for
Yxy(31.3665, 0.4274, 0.4252)
contains.

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Color

Yxy(31.3665, 0.4274, 0.4252)

Conversions

Conversions Part 1

Format	Color
Hex	B9924A
RGB	185, 146, 74
RGB Percent	73%, 57%, 29%
CMY	0.2744, 0.4275, 0.7097
CMYK	0.00, 0.21, 0.60, 0.27
HSL	39°, 44%, 51%
HSV	39°, 60%, 73%
XYZ	31.5288, 31.3665, 10.8735
YIQ	149.4530, 46.3560, -14.1240

Conversions

Conversions Part 2

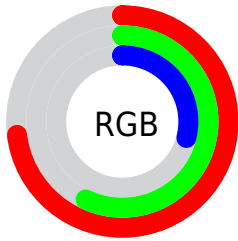
Format	Color
RYB	134, 185, 74
Decimal	12161610
CIELab	62.82, 6.40, 43.10
CIElCh	63, 43.572, 81.558
Yxy	31.3665, 0.4274, 0.4252
Android (android.graphics.Color)	4290351690 (0xFFB9924A)
YUV	149.4530, -37.1983, 31.1747
Hunter-Lab	56.0058, 2.4775, 27.6929

Details

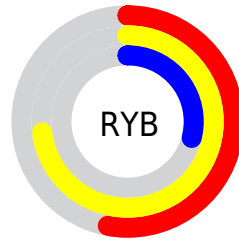
The Yxy color **31.3665, 0.4274, 0.4252** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.7836, 0.2120, 0.2034**, and the grayscale version is **30.4034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0223, 0.4062, 0.4086**, and **13.0988, 0.4592, 0.4488** is the 20% darker color. If you saturate the color by 10%, you get **29.2049, 0.4483, 0.4362**, and if you desaturate by 10%, it is **33.7187, 0.4059, 0.4112**.

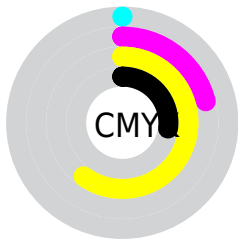
Distribution



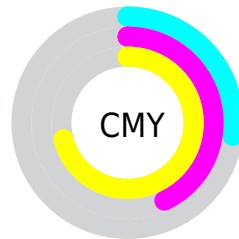
- Red (73%)
- Green (57%)
- Blue (29%)



- Red (53%)
- Yellow (73%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (60%)
- Black (27%)




- Cyan (27%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3665, 0.4274, 0.4252 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 31.3665, 0.4274, 0.4252 by changing the saturation by 10% instead.


 31.3665, 0.4274,
0.4252


 31.3665, 0.4274,
0.4252


308.2232, 0.3684,
0.3775

 20.8781, 0.4416,
0.4358


 61.8166, 0.4060,
0.4085


 13.0349, 0.4591,
0.4482


 82.5471, 0.3979,
0.4020

 7.4526, 0.4800,
0.4616


 107.4605, 0.3911,
0.3964

 3.7467, 0.5154,
0.4846

 136.9410, 0.3852,
0.3916

 1.5329, 0.5249,
0.4751

 171.3732, 0.3801,
0.3874

 0.3117, 0.5921,
0.4079

211.1413, 0.3757,

 0.0000, 0.0000,

0.3837

0.0000

256.6299, 0.3718,
0.3804

■ 31.3665, 0.4274,
0.4252

■ 31.3665, 0.4274,
0.4252

■ 29.2049, 0.4483,
0.4362

■ 33.7187, 0.4059,
0.4112

■ 27.2208, 0.4676,
0.4430

■ 36.2646, 0.3846,
0.3953

■ 25.4059, 0.4843,
0.4450

■ 39.0128, 0.3644,
0.3785

■ 23.7424, 0.4982,
0.4426

■ 41.9698, 0.3455,
0.3615

■ 23.7422, 0.4982,
0.4426

■ 45.1418, 0.3283,
0.3449

■ 48.5345, 0.3127,
0.3290

■ 52.1537, 0.2988,
0.3141

■ 56.0044, 0.2863,
0.3002

■ 60.0919, 0.2753,
0.2874

Harmonies

Analogous

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



31.3665, 0.4509, 0.3768



31.3665, 0.4274, 0.4252



31.3665, 0.3740, 0.4548

Triad

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



31.3665, 0.4274, 0.4252



31.3665, 0.2048, 0.3154



31.3665, 0.3056, 0.2412

Complementary

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



31.3665, 0.4274, 0.4252



16.7836, 0.2120, 0.2034

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.



31.3665, 0.2439, 0.2235



31.3665, 0.4274, 0.4252



31.3665, 0.1913, 0.2582

Square

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



31.3665, 0.4274, 0.4252



31.3665, 0.2457, 0.3884



31.3665, 0.2047, 0.2280



31.3665, 0.3767, 0.2770

Rectangle

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



31.3665, 0.4274, 0.4252



31.3665, 0.3300, 0.4533



31.3665, 0.2047, 0.2280



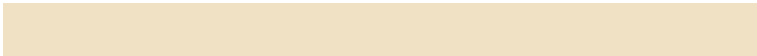
31.3665, 0.2831, 0.2331

Sweetspot

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



31.3680, 0.4274, 0.4252



76.0785, 0.3425, 0.3586



16.4494, 0.4260, 0.2743



16.0581, 0.3477, 0.3635



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



31.3680, 0.4274, 0.4252



51.1226, 0.4547, 0.4388



43.7779, 0.3825, 0.4755



9.9574, 0.3272, 0.3438



16.3009, 0.4970, 0.4436



0.6862, 0.4722, 0.4632

Inverse Universe

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



16.7836, 0.2120, 0.2034



22.8593, 0.1921, 0.1708



10.5186, 0.2098, 0.1441



9.2224, 0.2985, 0.3138



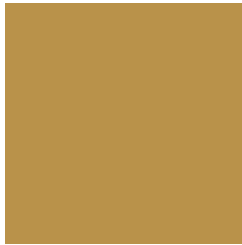
5.0893, 0.1653, 0.1150



0.2982, 0.1805, 0.1696

Previews

White Background



This preview shows how the Yxy color 31.3665, 0.4274, 0.4252 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 31.3665, 0.4274, 0.4252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

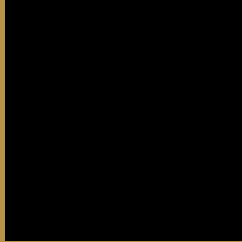
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3665, 0.4274, 0.4252

Background



This preview shows how black text looks on a background with the Yxy color 31.3665, 0.4274, 0.4252.



This preview shows how white text looks on a background with the Yxy color 31.3665, 0.4274, 0.4252.

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

31.3665, 0.4274, 0.4252

Protanopia

31.3031, 0.4020, 0.4387

Deuteranopia

31.4366, 0.4315, 0.4226



Tritanopia

31.3914, 0.3610, 0.3155

Trichromacy



Original Color

31.3665, 0.4274, 0.4252

Protanomaly

31.3194, 0.4110, 0.4344

Deuteranomaly

31.3100, 0.4304, 0.4231

Tritanomaly

31.2490, 0.3880, 0.3570

Monochromacy



Original Color

31.3665, 0.4274, 0.4252

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.2663, 0.3537, 0.3691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3665, 0.4274, 0.4252 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(185, 146, 74)` looks like.

```
.text, #text, p{  
    color:rgb(185, 146, 74)  
}
```

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(185, 146, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 146, 74) }
```

Border

The CSS property to change the border of an element to Yxy 31.3665, 0.4274, 0.4252 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(185, 146, 74) }
```

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

```
.border{ border-color:rgb(185, 146, 74) }
```

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

Here you see how a box with a 4 pixel rgb(185, 146, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 146, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 146, 74);  
box-shadow:4px 4px 4px 4px rgb(185, 146,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3665, 0.4274, 0.4252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 146, 74) }
```

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

```
.background{ background-color: rgb(185,  
146, 74) }
```

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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