

Converting Colors

Yxy(31.9136, 0.4047, 0.3826)

Have a look what the booklet for
Yxy(31.9136, 0.4047, 0.3826)
contains.

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Color

Yxy(31.9136, 0.4047, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	BE9069
RGB	190, 144, 105
RGB Percent	75%, 56%, 41%
CMY	0.2549, 0.4353, 0.5883
CMYK	0.00, 0.24, 0.45, 0.25
HSL	28°, 40%, 58%
HSV	28°, 45%, 75%
XYZ	33.7570, 31.9136, 17.7418
YIQ	153.3080, 39.9350, -2.3770

Conversions

Conversions Part 2

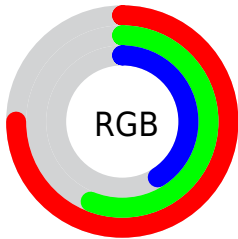
Format	Color
RYB	190, 177, 105
Decimal	12488809
CIELab	63.27, 12.40, 27.44
CIElCh	63, 30.109, 65.677
Yxy	31.9136, 0.4047, 0.3826
Android (android.graphics.Color)	4290678889 (0xFFBE9069)
YUV	153.3080, -23.8158, 32.1789
Hunter-Lab	56.4921, 7.8019, 20.9240

Details

The Yxy color **31.9136, 0.4047, 0.3826** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.8458, 0.2426, 0.2673**, and the grayscale version is **32.0895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7789, 0.3860, 0.3729**, and **13.3691, 0.4334, 0.3976** is the 20% darker color. If you saturate the color by 10%, you get **28.5937, 0.4322, 0.3935**, and if you desaturate by 10%, it is **35.6074, 0.3796, 0.3705**.

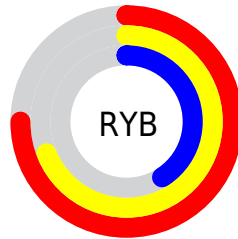
Distribution



Red (75%)

Green (56%)

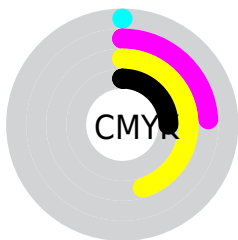
Blue (41%)



Red (75%)

Yellow (69%)

Blue (41%)

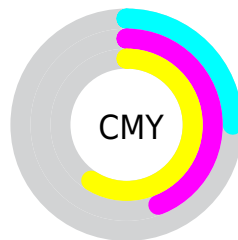


Cyan (0%)

Magenta (24%)

Yellow (45%)

Black (25%)



Cyan (25%)


Magenta (44%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9136, 0.4047, 0.3826 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 31.9136, 0.4047, 0.3826 by changing the saturation by 10% instead.


 31.9136, 0.4047,
0.3826


 31.9136, 0.4047,
0.3826


310.7255, 0.3559,
0.3559


 21.2955, 0.4176,
0.3889


 62.6756, 0.3864,
0.3731


 13.3402, 0.4345,
0.3965


 83.5883, 0.3796,
0.3695

 7.6632, 0.4572,
0.4057


 108.7014, 0.3740,
0.3664

 3.8802, 0.4889,
0.4160

 138.3992, 0.3693,
0.3637

 1.6068, 0.5574,
0.4426

173.0661, 0.3652,
0.3614

 0.3622, 0.6411,
0.3589

213.0865, 0.3617,

 0.0000, 0.0000,

0.3593

0.0000

258.8448, 0.3586,
0.3575

■ 31.9136, 0.4047,
0.3826

■ 31.9136, 0.4047,
0.3826

■ 28.5937, 0.4322,
0.3935

■ 35.6074, 0.3796,
0.3705

■ 25.6297, 0.4612,
0.4022

■ 39.6830, 0.3571,
0.3581

■ 23.0086, 0.4903,
0.4074

■ 44.1538, 0.3373,
0.3459

■ 20.7145, 0.5178,
0.4079

■ 49.0313, 0.3201,
0.3343

■ 18.7297, 0.5416,
0.4030

■ 54.3261, 0.3051,
0.3234

■ 17.7971, 0.5530,
0.3991

■ 60.0487, 0.2922,
0.3132

■ 66.2090, 0.2810,
0.3039

■ 72.6880, 0.2723,
0.2975

■ 78.4546, 0.2734,
0.3089

Harmonies

Analogous

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



31.9136, 0.4046, 0.3460



31.9136, 0.4047, 0.3826



31.9136, 0.3788, 0.4091

Triad

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



31.9136, 0.4047, 0.3826



31.9136, 0.2503, 0.3468



31.9136, 0.2841, 0.2571

Complementary

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



31.9136, 0.4047, 0.3826



28.8458, 0.2426, 0.2673

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.



31.9136, 0.2470, 0.2532



31.9136, 0.4047, 0.3826



31.9136, 0.2287, 0.3007

Square

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



31.9136, 0.4047, 0.3826



31.9136, 0.2891, 0.3909



31.9136, 0.2277, 0.2677



31.9136, 0.3318, 0.2769

Rectangle

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



31.9136, 0.4047, 0.3826



31.9136, 0.3515, 0.4156



31.9136, 0.2277, 0.2677



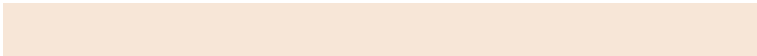
31.9136, 0.2701, 0.2539

Sweetspot

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



31.9151, 0.4047, 0.3826



81.3223, 0.3345, 0.3441



23.3060, 0.3643, 0.2659



17.4403, 0.3386, 0.3468



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.



31.9151, 0.4047, 0.3826



51.7429, 0.4325, 0.3937



46.9770, 0.3805, 0.4329



10.2385, 0.3277, 0.3396



11.9879, 0.5508, 0.4008



0.6004, 0.5115, 0.4321

Inverse Universe

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



28.8458, 0.2426, 0.2673



45.4347, 0.2275, 0.2502



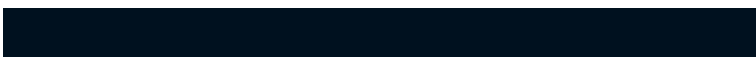
17.7084, 0.2307, 0.1982



10.0573, 0.2984, 0.3182



9.0529, 0.1816, 0.1735



0.4840, 0.1929, 0.2143

Previews

White Background



This preview shows how the Yxy color 31.9136, 0.4047, 0.3826 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 31.9136, 0.4047, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

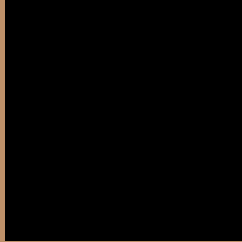
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9136, 0.4047, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 31.9136, 0.4047, 0.3826.



This preview shows how white text looks on a background with the Yxy color 31.9136, 0.4047, 0.3826.

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

31.9136, 0.4047, 0.3826

Protanopia

31.8859, 0.3680, 0.3955

Deuteranopia

31.9342, 0.3961, 0.3897



Tritanopia

31.8162, 0.3632, 0.3143

Trichromacy



Original Color

31.9136, 0.4047, 0.3826

Protanomaly

31.8941, 0.3804, 0.3905

Deuteranomaly

31.9963, 0.4001, 0.3876

Tritanomaly

31.7871, 0.3794, 0.3387

Monochromacy



Original Color

31.9136, 0.4047, 0.3826

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.6973, 0.3432, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9136, 0.4047, 0.3826 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(190, 144, 105)` looks like.

```
.text, #text, p{  
    color:rgb(190, 144, 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(190, 144, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 144, 105) }
```

Border

The CSS property to change the border of an element to Yxy 31.9136, 0.4047, 0.3826 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(190, 144, 105) }
```

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

```
.border{ border-color:rgb(190, 144, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 144, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 144, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 144, 105);  
box-shadow:4px 4px 4px 4px rgb(190, 144,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9136, 0.4047, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 144, 105) }
```

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

```
.background{ background-color: rgb(190,  
144, 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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