

Converting Colors

Yxy(31.2424, 0.4135, 0.4041)

Have a look what the booklet for
Yxy(31.2424, 0.4135, 0.4041)
contains.

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Color

Yxy(31.3033, 0.4136, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	B9915A
RGB	185, 145, 90
RGB Percent	73%, 57%, 35%
CMY	0.2746, 0.4313, 0.6470
CMYK	0.00, 0.22, 0.51, 0.27
HSL	35°, 40%, 54%
HSV	35°, 51%, 73%
XYZ	31.9759, 31.3033, 14.0320
YIQ	150.6900, 41.4950, -8.6250

Conversions

Conversions Part 2

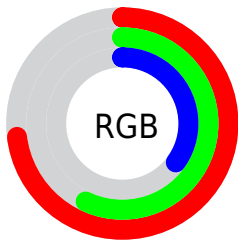
Format	Color
RYB	159, 185, 90
Decimal	12161370
CIELab	62.76, 8.25, 34.78
CIElCh	63, 35.742, 76.649
Yxy	31.3033, 0.4136, 0.4049
Android (android.graphics.Color)	4290351450 (0xFFB9915A)
YUV	150.6900, -29.9202, 30.0899
Hunter-Lab	55.9494, 4.1041, 24.2947

Details

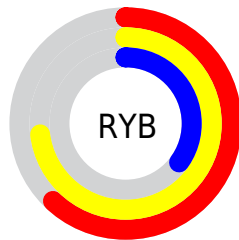
The Yxy color **31.3033, 0.4136, 0.4049** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.6375, 0.2289, 0.2363**, and the grayscale version is **30.9257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8246, 0.3939, 0.3916**, and **13.0187, 0.4437, 0.4259** is the 20% darker color. If you saturate the color by 10%, you get **28.7292, 0.4376, 0.4172**, and if you desaturate by 10%, it is **34.1218, 0.3904, 0.3907**.

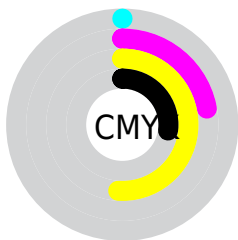
Distribution



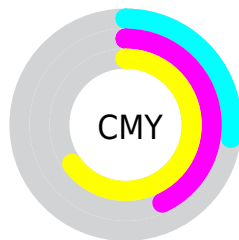
- Red (73%)
- Green (57%)
- Blue (35%)



- Red (62%)
- Yellow (73%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (51%)
- Black (27%)





- Cyan (27%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3033, 0.4136, 0.4049 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 31.3033, 0.4136, 0.4049 by changing the saturation by 10% instead.


 31.3033, 0.4136,
0.4049


 31.3033, 0.4136,
0.4049


307.9332, 0.3606,
0.3668


 20.8299, 0.4271,
0.4138


 61.7173, 0.3940,
0.3913

 12.9997, 0.4444,
0.4246


 82.4266, 0.3867,
0.3861

 7.4284, 0.4666,
0.4374


 107.3168, 0.3806,
0.3817

 3.7314, 0.5034,
0.4583

 136.7721, 0.3754,
0.3778

 1.5245, 0.5356,
0.4644

171.1771, 0.3709,
0.3745

 0.3059, 0.6167,
0.3833

210.9159, 0.3670,

 0.0000, 0.0000,

0.3716

0.0000

256.3732, 0.3636,
0.3691

■ 31.3033, 0.4136,
0.4049

■ 31.3033, 0.4136,
0.4049

■ 28.7292, 0.4376,
0.4172

■ 34.1218, 0.3904,
0.3907

■ 26.3860, 0.4613,
0.4263

■ 37.1888, 0.3686,
0.3755

■ 24.2649, 0.4836,
0.4311

■ 40.5137, 0.3487,
0.3602

■ 22.3546, 0.5030,
0.4309

■ 44.1039, 0.3307,
0.3452

■ 20.8539, 0.5177,
0.4271

■ 47.9665, 0.3147,
0.3309

■ 52.1082, 0.3005,
0.3174

■ 56.5356, 0.2880,
0.3049

■ 61.2549, 0.2770,
0.2935

■ 66.1753, 0.2681,
0.2844

Harmonies

Analogous

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



31.3033, 0.4265, 0.3640



31.3033, 0.4136, 0.4049



31.3033, 0.3733, 0.4306

Triad

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



31.3033, 0.4136, 0.4049



31.3033, 0.2269, 0.3284



31.3033, 0.2981, 0.2514

Complementary

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



31.3033, 0.4136, 0.4049



21.6375, 0.2289, 0.2363

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.



31.3033, 0.2488, 0.2394



31.3033, 0.4136, 0.4049



31.3033, 0.2108, 0.2778

Square

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



31.3033, 0.4136, 0.4049



31.3033, 0.2654, 0.3862



31.3033, 0.2185, 0.2475



31.3033, 0.3564, 0.2799

Rectangle

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



31.3033, 0.4136, 0.4049



31.3033, 0.3377, 0.4316



31.3033, 0.2185, 0.2475



31.3033, 0.2800, 0.2454

Sweetspot

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



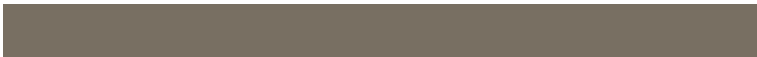
31.3048, 0.4136, 0.4049



76.4368, 0.3375, 0.3510



19.2698, 0.3921, 0.2721



16.1882, 0.3413, 0.3541



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.



31.3048, 0.4136, 0.4049



50.7332, 0.4416, 0.4189



44.9717, 0.3807, 0.4541



9.8527, 0.3274, 0.3422



14.3491, 0.5161, 0.4284



0.6254, 0.4849, 0.4532

Inverse Universe

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



21.6375, 0.2289, 0.2363



31.4932, 0.2105, 0.2105



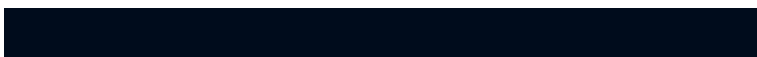
13.3219, 0.2210, 0.1705



9.3241, 0.2985, 0.3154



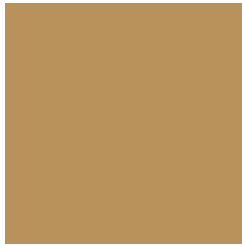
6.2198, 0.1708, 0.1348



0.3423, 0.1853, 0.1869

Previews

White Background



This preview shows how the Yxy color 31.3033, 0.4136, 0.4049 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 31.3033, 0.4136, 0.4049 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 31.3033, 0.4136, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 31.3033, 0.4136, 0.4049.



This preview shows how white text looks on a background with the Yxy color 31.3033, 0.4136, 0.4049.

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

31.3033, 0.4136, 0.4049

Protanopia

31.3538, 0.3849, 0.4171

Deuteranopia

31.3033, 0.4136, 0.4049



Tritanopia

31.2622, 0.3599, 0.3155

Trichromacy



Original Color

31.3033, 0.4136, 0.4049

Protanomaly

31.1518, 0.3955, 0.4119

Deuteranomaly

31.3033, 0.4136, 0.4049

Tritanomaly

31.2734, 0.3802, 0.3487

Monochromacy



Original Color

31.3033, 0.4136, 0.4049

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8664, 0.3473, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3033, 0.4136, 0.4049 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, 145, 90)` looks like.

```
.text, #text, p{  
    color:rgb(185, 145, 90)  
}
```

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, 145, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 145, 90) }
```

Border

The CSS property to change the border of an element to Yxy 31.3033, 0.4136, 0.4049 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, 145, 90) }
```

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

```
.border{ border-color:rgb(185, 145, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 145, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 145, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 145, 90);  
box-shadow:4px 4px 4px 4px rgb(185, 145,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3033, 0.4136, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 145, 90) }
```

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

```
.background{ background-color: rgb(185,  
145, 90) }
```

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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