

Converting Colors

Yxy(31.8507, 0.4014, 0.4183)

Have a look what the booklet for
Yxy(31.8507, 0.4014, 0.4183)
contains.

Yxy(31.7474, 0.4019, 0.4174)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.7474, 0.4019, 0.4174)

Conversions

Conversions Part 1

Format	Color
Hex	B09658
RGB	176, 150, 88
RGB Percent	69%, 59%, 35%
CMY	0.3099, 0.4117, 0.6550
CMYK	0.00, 0.15, 0.50, 0.31
HSL	42°, 36%, 52%
HSV	42°, 50%, 69%
XYZ	30.5685, 31.7474, 13.7440
YIQ	150.7060, 35.3980, -13.7700

Conversions

Conversions Part 2

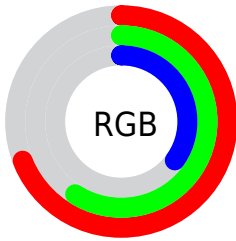
Format	Color
RYB	125, 176, 88
Decimal	11572824
CIELab	63.13, 1.48, 36.11
CIELCh	63, 36.141, 87.659
Yxy	31.7474, 0.4019, 0.4174
Android (android.graphics.Color)	4289762904 (0xFFB09658)
YUV	150.7060, -30.9141, 22.1828
Hunter-Lab	56.3448, -1.7628, 24.9790

Details

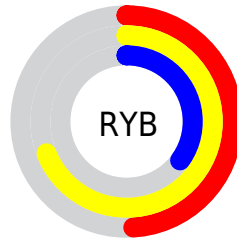
The Yxy color **31.7474, 0.4019, 0.4174** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.2301, 0.2275, 0.2194**, and the grayscale version is **30.9377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3734, 0.3848, 0.4010**, and **13.1418, 0.4280, 0.4418** is the 20% darker color. If you saturate the color by 10%, you get **29.8707, 0.4215, 0.4324**, and if you desaturate by 10%, it is **33.7710, 0.3822, 0.4004**.

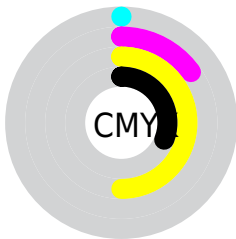
Distribution



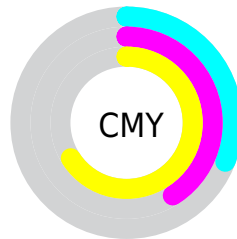
- Red (69%)
- Green (59%)
- Blue (35%)



- Red (49%)
- Yellow (69%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (50%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7474, 0.4019, 0.4174 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 31.7474, 0.4019, 0.4174 by changing the saturation by 10% instead.


 31.7474, 0.4019,
0.4174


 31.7474, 0.4019,
0.4174

309.9670, 0.3557,
0.3719

 21.1686, 0.4134,
0.4286


 62.4149, 0.3850,
0.4009


 13.2473, 0.4278,
0.4424


 83.2724, 0.3786,
0.3946

 7.5991, 0.4460,
0.4595


 108.3249, 0.3733,
0.3894

 3.8395, 0.4772,
0.4891

 137.9569, 0.3687,
0.3849

 1.5842, 0.4961,
0.5039

 172.5527, 0.3648,
0.3810

 0.3469, 0.5132,
0.4868

212.4967, 0.3613,

 0.0000, 0.0000,

0.3776

0.0000

258.1733, 0.3583,
0.3746

■ 31.7474, 0.4019,
0.4174

■ 31.7474, 0.4019,
0.4174

■ 29.8707, 0.4215,
0.4324

■ 33.7710, 0.3822,
0.4004

■ 28.1302, 0.4402,
0.4444

■ 35.9425, 0.3630,
0.3824

■ 26.5207, 0.4570,
0.4524

■ 38.2685, 0.3449,
0.3641

■ 25.0342, 0.4712,
0.4556

■ 40.7539, 0.3281,
0.3462

■ 23.6561, 0.4828,
0.4548

■ 43.4033, 0.3127,
0.3290

■ 46.2208, 0.2988,
0.3128

■ 49.2107, 0.2863,
0.2978

■ 52.3769, 0.2751,
0.2838

■ 55.7230, 0.2651,
0.2710

Harmonies

Analogous

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



31.7474, 0.4263, 0.3801



31.7474, 0.4019, 0.4174



31.7474, 0.3544, 0.4338

Triad

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



31.7474, 0.4019, 0.4174



31.7474, 0.2177, 0.3078



31.7474, 0.3193, 0.2598

Complementary

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



31.7474, 0.4019, 0.4174



17.2301, 0.2275, 0.2194

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.



31.7474, 0.2647, 0.2411



31.7474, 0.4019, 0.4174



31.7474, 0.2103, 0.2636

Square

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



31.7474, 0.4019, 0.4174



31.7474, 0.2486, 0.3659



31.7474, 0.2266, 0.2415



31.7474, 0.3770, 0.2933

Rectangle

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



31.7474, 0.4019, 0.4174



31.7474, 0.3169, 0.4259



31.7474, 0.2266, 0.2415



31.7474, 0.2999, 0.2517

Sweetspot

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



31.7489, 0.4019, 0.4174



71.5253, 0.3368, 0.3555



17.4273, 0.4076, 0.2905



15.3016, 0.3403, 0.3592



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.7489, 0.4019, 0.4174



53.8472, 0.4235, 0.4339



39.0555, 0.3674, 0.4561



9.4747, 0.3270, 0.3450



17.4661, 0.4820, 0.4555



0.6449, 0.4608, 0.4723

Inverse Universe

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



17.2301, 0.2275, 0.2194



24.5706, 0.2082, 0.1900



13.1481, 0.2356, 0.1800



8.6253, 0.2985, 0.3125



4.1881, 0.1614, 0.1010



0.2357, 0.1776, 0.1595

Previews

White Background



This preview shows how the Yxy color 31.7474, 0.4019, 0.4174 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 31.7474, 0.4019, 0.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

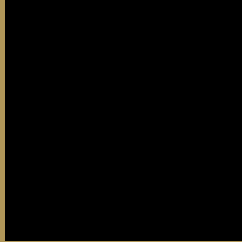
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.7474, 0.4019, 0.4174

Background



This preview shows how black text looks on a background with the Yxy color 31.7474, 0.4019, 0.4174.



This preview shows how white text looks on a background with the Yxy color 31.7474, 0.4019, 0.4174.

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

31.7474, 0.4019, 0.4174

Protanopia

31.8286, 0.3901, 0.4231

Deuteranopia

31.7181, 0.4149, 0.4071



Tritanopia

31.5910, 0.3447, 0.3137

Trichromacy



Original Color

31.7474, 0.4019, 0.4174

Protanomaly

31.8357, 0.3941, 0.4206

Deuteranomaly

31.5338, 0.4098, 0.4099

Tritanomaly

31.5391, 0.3674, 0.3521

Monochromacy



Original Color

31.7474, 0.4019, 0.4174

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.1653, 0.3445, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7474, 0.4019, 0.4174 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(176, 150, 88)` looks like.

```
.text, #text, p{  
    color:rgb(176, 150, 88)  
}
```

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(176, 150, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 150, 88) }
```

Border

The CSS property to change the border of an element to Yxy 31.7474, 0.4019, 0.4174 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(176, 150, 88) }
```

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

```
.border{ border-color:rgb(176, 150, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 150, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 150, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 150, 88);  
box-shadow:4px 4px 4px 4px rgb(176, 150,  
88) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.7474, 0.4019, 0.4174$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 150, 88) }
```

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

```
.background{ background-color: rgb(176,  
150, 88) }
```

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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