

Converting Colors

Yxy(31.5869, 0.3614, 0.4097)

Have a look what the booklet for
Yxy(31.5869, 0.3614, 0.4097)
contains.

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Color

Yxy(31.4107, 0.3610, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	9B9B68
RGB	155, 155, 104
RGB Percent	61%, 61%, 41%
CMY	0.3920, 0.3922, 0.5921
CMYK	0.00, 0.00, 0.33, 0.39
HSL	60°, 20%, 51%
HSV	60°, 33%, 61%
XYZ	27.7447, 31.4107, 17.6997
YIQ	149.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

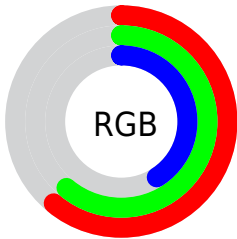
Format	Color
RYB	104, 155, 104
Decimal	10197864
CIELab	62.85, -8.20, 26.80
CIELCh	63, 28.029, 107.020
Yxy	31.4107, 0.3610, 0.4087
Android (android.graphics.Color)	4288387944 (0xFF9B9B68)
YUV	149.1860, -22.2767, 5.0989
Hunter-Lab	56.0452, -9.7143, 20.5072

Details

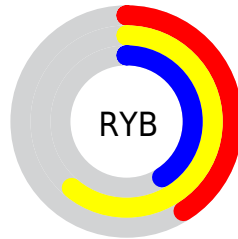
The Yxy color **31.4107, 0.3610, 0.4087** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2264, 0.2556, 0.2346**, and the grayscale version is **30.2313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7029, 0.3516, 0.3917**, and **13.0697, 0.3753, 0.4357** is the 20% darker color. If you saturate the color by 10%, you get **31.1196, 0.3750, 0.4318**, and if you desaturate by 10%, it is **31.7626, 0.3463, 0.3845**.

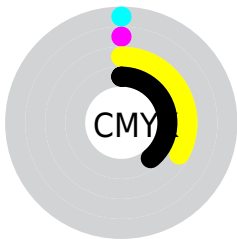
Distribution



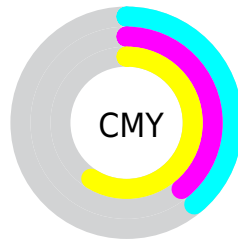
- Red (61%)
- Green (61%)
- Blue (41%)



- Red (41%)
- Yellow (61%)
- Blue (41%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (39%)



- Cyan (39%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4107, 0.3610, 0.4087 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 31.4107, 0.3610, 0.4087 by changing the saturation by 10% instead.

31.4107, 0.3610,
0.4087

31.4107, 0.3610,
0.4087

308.4260, 0.3361,
0.3658

20.9118, 0.3673,
0.4203

61.8861, 0.3518,
0.3924

13.0595, 0.3752,
0.4357

82.6314, 0.3484,
0.3865

7.4696, 0.3854,
0.4569

107.5609, 0.3455,
0.3816

3.7575, 0.3984,
0.4873

137.0591, 0.3431,
0.3774

1.5388, 0.4365,
0.5635

171.5103, 0.3410,
0.3739

0.3158, 0.2403,
0.7597

211.2989, 0.3391,

0.0000, 0.0000,

0.3708

0.0000

256.8093, 0.3375,
0.3682

■ 31.4107, 0.3610,
0.4087

■ 31.4107, 0.3610,
0.4087

■ 31.1196, 0.3750,
0.4318

■ 31.7626, 0.3463,
0.3845

■ 30.8817, 0.3878,
0.4528

■ 32.1740, 0.3315,
0.3600

■ 30.6952, 0.3987,
0.4710


■ 32.6490, 0.3169,
0.3359

■ 30.5561, 0.4075,
0.4854


■ 33.1902, 0.3029,
0.3127

■ 30.4599, 0.4139,
0.4959

■ 33.7999, 0.2896,
0.2909


 30.4014, 0.4177,
0.5022

 34.4807, 0.2773,
0.2705

 30.3731, 0.4195,
0.5051

 35.2345, 0.2660,
0.2518

 36.0635, 0.2556,
0.2347

 36.9698, 0.2462,
0.2192

Harmonies

Analogous

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



31.4107, 0.3923, 0.3906



31.4107, 0.3610, 0.4087



31.4107, 0.3180, 0.4033

Triad

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



31.4107, 0.3610, 0.4087



31.4107, 0.2310, 0.2891



31.4107, 0.3478, 0.2902

Complementary

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



31.4107, 0.3610, 0.4087



15.2264, 0.2556, 0.2346

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.



31.4107, 0.3023, 0.2668



31.4107, 0.3610, 0.4087



31.4107, 0.2375, 0.2642

Square

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



31.4107, 0.3610, 0.4087



31.4107, 0.2443, 0.3288



31.4107, 0.2625, 0.2571



31.4107, 0.3854, 0.3229

Rectangle

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



31.4107, 0.3610, 0.4087



31.4107, 0.2889, 0.3851



31.4107, 0.2625, 0.2571



31.4107, 0.3328, 0.2811

Sweetspot

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



31.4121, 0.3610, 0.4087



57.8014, 0.3275, 0.3533



17.8931, 0.3851, 0.3278



13.0589, 0.3294, 0.3565



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.4121, 0.3610, 0.4087



55.7978, 0.3721, 0.4270



29.2341, 0.3345, 0.4163



7.2217, 0.3260, 0.3510



24.3798, 0.4195, 0.5051



0.3648, 0.4194, 0.5052

Inverse Universe

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



15.2264, 0.2556, 0.2346



21.9592, 0.2393, 0.2078



16.9130, 0.2838, 0.2415



6.0274, 0.2988, 0.3060



1.9043, 0.1500, 0.0601



0.0287, 0.1502, 0.0606

Previews

White Background



This preview shows how the Yxy color 31.4107, 0.3610, 0.4087 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 31.4107, 0.3610, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

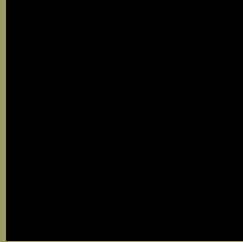
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4107, 0.3610, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 31.4107, 0.3610, 0.4087.



This preview shows how white text looks on a background with the Yxy color 31.4107, 0.3610, 0.4087.

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

31.4107, 0.3610, 0.4087

Protanopia

31.4351, 0.3743, 0.4031

Deuteranopia

31.1152, 0.3930, 0.3848



Tritanopia

31.3993, 0.3156, 0.3113

Trichromacy



Original Color

31.4107, 0.3610, 0.4087

Protanomaly

31.3388, 0.3694, 0.4057

Deuteranomaly

31.2855, 0.3817, 0.3940

Tritanomaly

31.3976, 0.3315, 0.3459

Monochromacy



Original Color

31.4107, 0.3610, 0.4087

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.4060, 0.3300, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4107, 0.3610, 0.4087 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(155, 155, 104)` looks like.

```
.text, #text, p{  
    color:rgb(155, 155, 104)  
}
```

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(155, 155, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 155, 104) }
```

Border

The CSS property to change the border of an element to Yxy 31.4107, 0.3610, 0.4087 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(155, 155, 104) }
```

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

```
.border{ border-color:rgb(155, 155, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 155, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 155, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 155, 104);  
box-shadow:4px 4px 4px 4px rgb(155, 155,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4107, 0.3610, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 155, 104) }
```

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

```
.background{ background-color: rgb(155,  
155, 104) }
```

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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