

Converting Colors

$Yxy(31.6120, 0.3173, 0.3738)$

Have a look what the booklet for
Yxy(31.6120, 0.3173, 0.3738)
contains.

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Color

Yxy(31.4957, 0.3174, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	8A9E83
RGB	138, 158, 131
RGB Percent	54%, 62%, 51%
CMY	0.4590, 0.3803, 0.4862
CMYK	0.13, 0.00, 0.17, 0.38
HSL	105°, 12%, 57%
HSV	105°, 17%, 62%
XYZ	26.8009, 31.4957, 26.1423
YIQ	148.9420, -3.2530, -12.6370

Conversions

Conversions Part 2

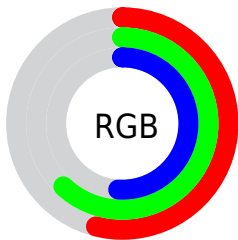
Format	Color
RYB	131, 158, 151
Decimal	9084547
CIELab	62.92, -12.32, 11.77
CIElCh	63, 17.035, 136.297
Yxy	31.4957, 0.3174, 0.3730
Android (android.graphics.Color)	4287274627 (0xFF8A9E83)
YUV	148.9420, -8.8454, -9.5961
Hunter-Lab	56.1210, -12.9682, 11.6663

Details

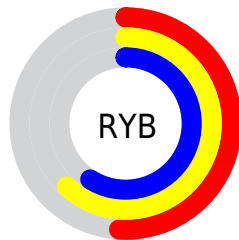
The Yxy color **31.4957, 0.3174, 0.3730** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.2888, 0.3070, 0.2869**, and the grayscale version is **30.0666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2557, 0.3170, 0.3642**, and **13.1993, 0.3181, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **30.1539, 0.3198, 0.4022**, and if you desaturate by 10%, it is **33.0137, 0.3147, 0.3463**.

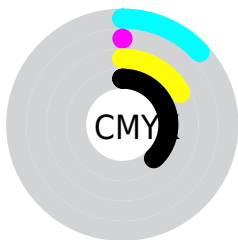
Distribution



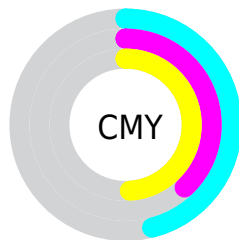
- Red (54%)
- Green (62%)
- Blue (51%)



- Red (51%)
- Yellow (62%)
- Blue (59%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4957, 0.3174, 0.3730 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 31.4957, 0.3174, 0.3730 by changing the saturation by 10% instead.


 31.4957, 0.3174,
0.3730


 31.4957, 0.3174,
0.3730


308.8155, 0.3152,
0.3490

 20.9766, 0.3179,
0.3797


 62.0197, 0.3166,
0.3638

 13.1069, 0.3184,
0.3889


 82.7933, 0.3163,
0.3605

 7.5022, 0.3190,
0.4021


 107.7540, 0.3161,
0.3577

 3.7781, 0.3195,
0.4225

137.2860, 0.3159,
0.3554

 1.5502, 0.3206,
0.4609

171.7737, 0.3157,
0.3535

 0.3237, 0.0212,
0.9788

211.6016, 0.3155,

 0.0000, 0.0000,

0.3518

0.0000

257.1541, 0.3153,
0.3503

■ 31.4957, 0.3174,
0.3730

■ 31.4957, 0.3174,
0.3730

■ 30.1539, 0.3198,
0.4022

■ 33.0137, 0.3147,
0.3463

■ 28.9777, 0.3217,
0.4335

■ 34.7097, 0.3119,
0.3223

■ 27.9619, 0.3229,
0.4658


■ 36.5910, 0.3090,
0.3009

■ 27.0991, 0.3231,
0.4979


■ 38.6629, 0.3062,
0.2821

■ 26.3814, 0.3222,
0.5279

■ 40.9307, 0.3036,
0.2655

 25.8003, 0.3200,
0.5538


 43.3994, 0.3010,
0.2510

 25.3462, 0.3166,
0.5739

 46.0739, 0.2986,
0.2383

 25.0060, 0.3124,
0.5875

 48.8021, 0.2981,
0.2291

 24.9232, 0.3114,
0.5910

 50.8291, 0.3077,
0.2320

Harmonies

Analogous

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



31.4957, 0.3434, 0.3770



31.4957, 0.3174, 0.3730



31.4957, 0.2909, 0.3555

Triad

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



31.4957, 0.3174, 0.3730



31.4957, 0.2655, 0.2896



31.4957, 0.3562, 0.3255

Complementary

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



31.4957, 0.3174, 0.3730



25.2888, 0.3070, 0.2869

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.



31.4957, 0.3337, 0.3044



31.4957, 0.3174, 0.3730



31.4957, 0.2814, 0.2840

Square

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



31.4957, 0.3174, 0.3730



31.4957, 0.2617, 0.3061



31.4957, 0.3062, 0.2895



31.4957, 0.3665, 0.3482

Rectangle

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



31.4957, 0.3174, 0.3730



31.4957, 0.2765, 0.3390



31.4957, 0.3062, 0.2895



31.4957, 0.3497, 0.3180

Sweetspot

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



31.4971, 0.3174, 0.3730



60.5297, 0.3142, 0.3413



30.9818, 0.3394, 0.3597



13.6020, 0.3143, 0.3430



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



31.4971, 0.3174, 0.3730



56.0972, 0.3185, 0.3853



31.0989, 0.3051, 0.3632



7.4795, 0.3153, 0.3518



19.9743, 0.3119, 0.5906



0.3756, 0.3397, 0.5685

Inverse Universe

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



25.2888, 0.3070, 0.2869



42.3917, 0.3052, 0.2757



25.7630, 0.3213, 0.2971



6.6685, 0.3098, 0.3067



5.0422, 0.2578, 0.1194



0.1090, 0.2846, 0.1342

Previews

White Background



This preview shows how the Yxy color 31.4957, 0.3174, 0.3730 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 31.4957, 0.3174, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

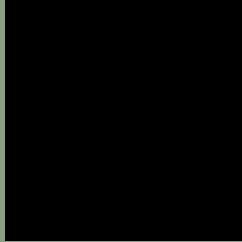
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4957, 0.3174, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 31.4957, 0.3174, 0.3730.



This preview shows how white text looks on a background with the Yxy color 31.4957, 0.3174, 0.3730.

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

31.4957, 0.3174, 0.3730

Protanopia

31.4886, 0.3442, 0.3659

Deuteranopia

31.1355, 0.3551, 0.3482



Tritanopia

31.3387, 0.2924, 0.3105

Trichromacy



Original Color

31.4957, 0.3174, 0.3730

Protanomaly

31.3716, 0.3343, 0.3684

Deuteranomaly

30.9522, 0.3408, 0.3567

Tritanomaly

31.4053, 0.3009, 0.3321

Monochromacy



Original Color

31.4957, 0.3174, 0.3730

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.4292, 0.3150, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4957, 0.3174, 0.3730 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(138, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(138, 158, 131)  
}
```

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(138, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 158, 131) }
```

Border

The CSS property to change the border of an element to Yxy 31.4957, 0.3174, 0.3730 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(138, 158, 131) }
```

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

```
.border{ border-color:rgb(138, 158, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 158, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 158, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 158, 131);  
box-shadow:4px 4px 4px 4px rgb(138, 158,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4957, 0.3174, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 158, 131) }
```

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

```
.background{ background-color: rgb(138,  
158, 131) }
```

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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