

Converting Colors

Yxy(31.3664, 0.3025, 0.3123)

Have a look what the booklet for
Yxy(31.3664, 0.3025, 0.3123)
contains.

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Color

Yxy(31.3212, 0.3026, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	9797A2
RGB	151, 151, 162
RGB Percent	59%, 59%, 64%
CMY	0.4079, 0.4078, 0.3648
CMYK	0.07, 0.07, 0.00, 0.36
HSL	240°, 6%, 61%
HSV	240°, 7%, 64%
XYZ	30.3484, 31.3212, 38.6225
YIQ	152.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

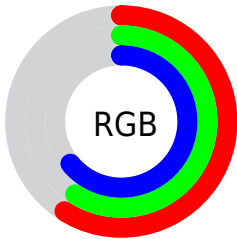
Format	Color
RYB	151, 151, 162
Decimal	9934754
CIELab	62.78, 2.19, -5.75
CIElCh	63, 6.153, 290.803
Yxy	31.3212, 0.3026, 0.3123
Android (android.graphics.Color)	4288124834 (0xFF9797A2)
YUV	152.2540, 4.8048, -1.0998
Hunter-Lab	55.9653, -1.1440, -1.7411

Details

The Yxy color **31.3212, 0.3026, 0.3123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7446, 0.3225, 0.3452**, and the grayscale version is **31.4947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6515, 0.3044, 0.3152**, and **12.9495, 0.2995, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **25.0238, 0.2860, 0.2849**, and if you desaturate by 10%, it is **38.5484, 0.3172, 0.3364**.

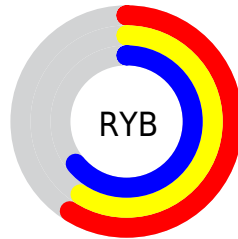
Distribution



Red (59%)

Green (59%)

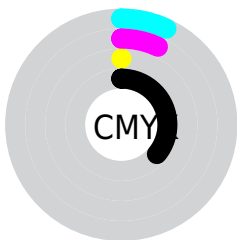
Blue (64%)



Red (59%)

Yellow (59%)

Blue (64%)

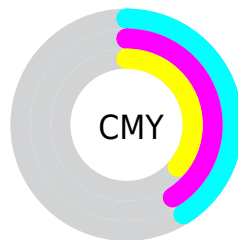


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.3212, 0.3026, 0.3123 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 31.3212, 0.3026, 0.3123 by changing the saturation by 10% instead.

■ 31.3212, 0.3026,
0.3123

■ 31.3212, 0.3026,
0.3123

308.0154, 0.3080,
0.3212

■ 20.8436, 0.3011,
0.3099

■ 61.7454, 0.3047,
0.3156

■ 13.0097, 0.2991,
0.3067

■ 82.4608, 0.3054,
0.3169

■ 7.4352, 0.2964,
0.3023

107.3575, 0.3060,
0.3179

■ 3.7357, 0.2921,
0.2956

136.8200, 0.3065,
0.3187

■ 1.5269, 0.2850,
0.2845

171.2326, 0.3070,
0.3195

■ 0.3075, 0.2486,
0.2212

210.9798, 0.3074,

■ 0.0000, 0.0000,

0.3201

0.0000

256.4459, 0.3077,
0.3207

■ 31.3212, 0.3026,
0.3123

■ 31.3212, 0.3026,
0.3123

■ 25.0238, 0.2860,
0.2849

■ 38.5484, 0.3172,
0.3364

■ 19.6147, 0.2675,
0.2543

■ 46.7368, 0.3299,
0.3573

■ 15.0551, 0.2474,
0.2211

■ 55.9212, 0.3408,
0.3753

■ 11.3019, 0.2263,
0.1863

■ 66.1335, 0.3502,
0.3908

■ 8.3083, 0.2054,
0.1518

■ 77.4042, 0.3583,
0.4042

■ 6.0223, 0.1862,
0.1199

■ 89.7626, 0.3652,
0.4156

■ 4.3859, 0.1701,
0.0934

■ 95.3882, 0.3678,
0.4200

■ 3.3315, 0.1586,
0.0742

■ 2.7601, 0.1518,
0.0631

Harmonies

Analogous

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



31.3212, 0.2959, 0.3141



31.3212, 0.3026, 0.3123



31.3212, 0.3120, 0.3148

Triad

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



31.3212, 0.3026, 0.3123



31.3212, 0.3321, 0.3377



31.3212, 0.3036, 0.3372

Complementary

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



31.3212, 0.3026, 0.3123



35.7446, 0.3225, 0.3452

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.



31.3212, 0.3132, 0.3438



31.3212, 0.3026, 0.3123



31.3212, 0.3297, 0.3439

Square

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



31.3212, 0.3026, 0.3123



31.3212, 0.3292, 0.3293



31.3212, 0.3227, 0.3462



31.3212, 0.2965, 0.3284

Rectangle

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



31.3212, 0.3026, 0.3123



31.3212, 0.3187, 0.3186



31.3212, 0.3227, 0.3462



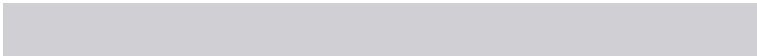
31.3212, 0.3066, 0.3397

Sweetspot

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



31.3225, 0.3026, 0.3123



62.8926, 0.3098, 0.3241



35.0166, 0.3026, 0.3292



14.1596, 0.3099, 0.3244



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.3225, 0.3026, 0.3123



55.2163, 0.3005, 0.3088



31.8370, 0.3078, 0.3126



6.8617, 0.2987, 0.3058



2.0601, 0.1501, 0.0601



0.0438, 0.1502, 0.0608

Inverse Universe

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



32.0451, 0.3239, 0.3290



56.7776, 0.3264, 0.3290



35.2058, 0.3174, 0.3454



7.0861, 0.3285, 0.3290



6.0521, 0.6399, 0.3298



0.1272, 0.6388, 0.3293

Previews

White Background



This preview shows how the Yxy color 31.3212, 0.3026, 0.3123 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 31.3212, 0.3026, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

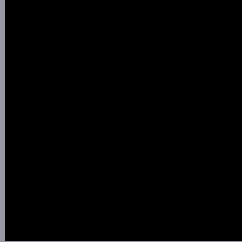
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

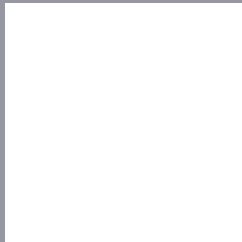
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.3212, 0.3026, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 31.3212, 0.3026, 0.3123.



This preview shows how white text looks on a background with the Yxy color 31.3212, 0.3026, 0.3123.

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

31.3212, 0.3026, 0.3123

Protanopia

31.4173, 0.3036, 0.3123

Deuteranopia

31.1932, 0.3128, 0.3054



Tritanopia

31.3569, 0.3017, 0.3108

Trichromacy



Original Color

31.3212, 0.3026, 0.3123

Protanomaly

31.4173, 0.3036, 0.3123

Deuteranomaly

31.0933, 0.3087, 0.3066

Tritanomaly

31.3569, 0.3017, 0.3108

Monochromacy



Original Color

31.3212, 0.3026, 0.3123

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.5322, 0.3090, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3212, 0.3026, 0.3123 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(151, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(151, 151, 162)  
}
```

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(151, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 151, 162) }
```

Border

The CSS property to change the border of an element to Yxy 31.3212, 0.3026, 0.3123 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(151, 151, 162) }
```

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

```
.border{ border-color:rgb(151, 151, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(151, 151,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3212, 0.3026, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 151, 162) }
```

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

```
.background{ background-color: rgb(151,  
151, 162) }
```

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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