

Converting Colors

$Yxy(31.5037, 0.3011, 0.3132)$

Have a look what the booklet for
Yxy(31.5037, 0.3011, 0.3132)
contains.

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Color

Yxy(31.5491, 0.3016, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	9698A2
RGB	150, 152, 162
RGB Percent	59%, 60%, 64%
CMY	0.4119, 0.4039, 0.3648
CMYK	0.07, 0.06, 0.00, 0.36
HSL	230°, 6%, 61%
HSV	230°, 7%, 64%
XYZ	30.3225, 31.5491, 38.6673
YIQ	152.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

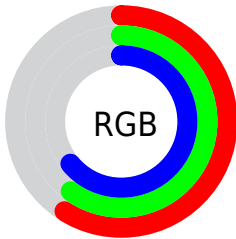
Format	Color
RYB	150, 152, 162
Decimal	9869474
CIELab	62.97, 1.27, -5.48
CIELCh	63, 5.623, 283.020
Yxy	31.5491, 0.3016, 0.3138
Android (android.graphics.Color)	4288059554 (0xFF9698A2)
YUV	152.5420, 4.6628, -2.2293
Hunter-Lab	56.1686, -1.9321, -1.4981

Details

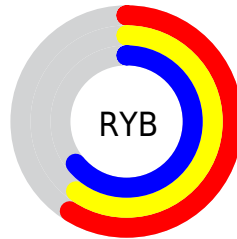
The Yxy color **31.5491, 0.3016, 0.3138** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0040, 0.3237, 0.3438**, and the grayscale version is **31.6255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9897, 0.3036, 0.3163**, and **13.0858, 0.2981, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **25.9979, 0.2853, 0.2910**, and if you desaturate by 10%, it is **37.8103, 0.3164, 0.3340**.

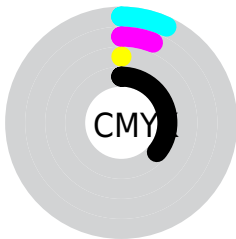
Distribution



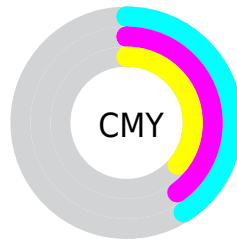
- Red (59%)
- Green (60%)
- Blue (64%)



- Red (59%)
- Yellow (60%)
- Blue (64%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (41%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.5491, 0.3016, 0.3138 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 31.5491, 0.3016, 0.3138 by changing the saturation by 10% instead.

■ 31.5491, 0.3016,
0.3138

■ 31.5491, 0.3016,
0.3138

309.0601, 0.3075,
0.3219

■ 21.0173, 0.3000,
0.3116

■ 62.1035, 0.3038,
0.3169

■ 13.1367, 0.2978,
0.3087

■ 82.8950, 0.3047,
0.3180

■ 7.5227, 0.2948,
0.3046

107.8752, 0.3053,
0.3189

■ 3.7911, 0.2902,
0.2985

137.4284, 0.3059,
0.3197

■ 1.5574, 0.2825,
0.2884

171.9391, 0.3064,
0.3203

■ 0.3286, 0.2430,
0.2326

211.7917, 0.3068,

■ 0.0000, 0.0000,

0.3209

0.0000

257.3706, 0.3072,
0.3214

■ 31.5491, 0.3016,
0.3138

■ 31.5491, 0.3016,
0.3138

■ 25.9979, 0.2853,
0.2910

■ 37.8103, 0.3164,
0.3340

■ 21.1277, 0.2676,
0.2656

■ 44.8013, 0.3296,
0.3516

■ 16.9130, 0.2487,
0.2378

■ 52.5461, 0.3414,
0.3670

■ 13.3256, 0.2293,
0.2083

■ 61.0666, 0.3519,
0.3804

■ 10.3350, 0.2102,
0.1780

■ 70.3835, 0.3612,
0.3919

■ 7.9081, 0.1923,
0.1483

■ 80.5169, 0.3693,
0.4019

■ 6.0084, 0.1767,
0.1210

■ 89.8653, 0.3706,
0.4124

■ 4.5952, 0.1646,
0.0978

■ 95.3882, 0.3678,
0.4200

■ 3.6148, 0.1563,
0.0800

Harmonies

Analogous

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



31.5491, 0.2965, 0.3165



31.5491, 0.3016, 0.3138



31.5491, 0.3097, 0.3151

Triad

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



31.5491, 0.3016, 0.3138



31.5491, 0.3301, 0.3350



31.5491, 0.3065, 0.3383

Complementary

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



31.5491, 0.3016, 0.3138



35.0040, 0.3237, 0.3438

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.



31.5491, 0.3155, 0.3434



31.5491, 0.3016, 0.3138



31.5491, 0.3292, 0.3414

Square

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



31.5491, 0.3016, 0.3138



31.5491, 0.3263, 0.3272



31.5491, 0.3238, 0.3445



31.5491, 0.2993, 0.3306

Rectangle

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



31.5491, 0.3016, 0.3138



31.5491, 0.3158, 0.3180



31.5491, 0.3238, 0.3445



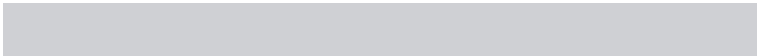
31.5491, 0.3094, 0.3404

Sweetspot

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



31.5504, 0.3016, 0.3138



63.2395, 0.3097, 0.3250



34.8480, 0.3034, 0.3323



14.2332, 0.3099, 0.3252



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.



31.5504, 0.3016, 0.3138



55.4276, 0.2988, 0.3100



31.2602, 0.3054, 0.3109



7.0455, 0.2987, 0.3098



2.7374, 0.1548, 0.0774



0.1090, 0.1699, 0.1314

Inverse Universe

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



31.7513, 0.3231, 0.3260



55.8872, 0.3258, 0.3252



35.3248, 0.3197, 0.3469



7.1047, 0.3259, 0.3252



6.1205, 0.6112, 0.3141



0.1338, 0.5307, 0.2697

Previews

White Background



This preview shows how the Yxy color 31.5491, 0.3016, 0.3138 looks on a white background.

Color Contrast Check

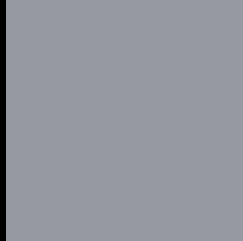
Large Text (above 18pt) WCAG AA × Fail

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 31.5491, 0.3016, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

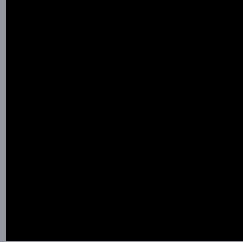
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

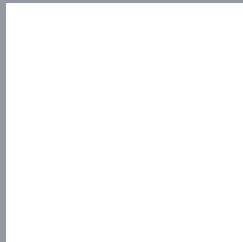
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.5491, 0.3016, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 31.5491, 0.3016, 0.3138.



This preview shows how white text looks on a background with the Yxy color 31.5491, 0.3016, 0.3138.

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

31.5491, 0.3016, 0.3138

Protanopia

31.4173, 0.3036, 0.3123

Deuteranopia

31.5055, 0.3127, 0.3069



Tritanopia

31.6208, 0.2998, 0.3108

Trichromacy



Original Color

31.5491, 0.3016, 0.3138

Protanomaly

31.3212, 0.3026, 0.3123

Deuteranomaly

31.4083, 0.3087, 0.3082

Tritanomaly

31.5848, 0.3007, 0.3123

Monochromacy



Original Color

31.5491, 0.3016, 0.3138

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8582, 0.3090, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5491, 0.3016, 0.3138 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(150, 152, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 152, 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(150, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 152, 162) }
```

Border

The CSS property to change the border of an element to Yxy 31.5491, 0.3016, 0.3138 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(150, 152, 162) }
```

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

```
.border{ border-color:rgb(150, 152, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 152, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 152,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5491, 0.3016, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 152, 162) }
```

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

```
.background{ background-color: rgb(150,  
152, 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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