

Converting Colors

$Y_{xy}(30.5315, 0.3131, 0.2995)$

Have a look what the booklet for
Yxy(30.5315, 0.3131, 0.2995)
contains.

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Color

Yxy(30.4134, 0.3131, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	A390A4
RGB	163, 144, 164
RGB Percent	64%, 56%, 64%
CMY	0.3606, 0.4353, 0.3569
CMYK	0.01, 0.12, 0.00, 0.36
HSL	297°, 10%, 60%
HSV	297°, 12%, 64%
XYZ	31.7838, 30.4134, 39.3161
YIQ	151.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

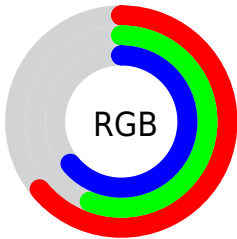
Format	Color
RYB	163, 144, 164
Decimal	10719396
CIELab	62.01, 10.80, -7.92
CIELCh	62, 13.396, 323.755
Yxy	30.4134, 0.3131, 0.2996
Android (android.graphics.Color)	4288909476 (0xFFA390A4)
YUV	151.9610, 5.9352, 9.6812
Hunter-Lab	55.1483, 6.3659, -3.6649

Details

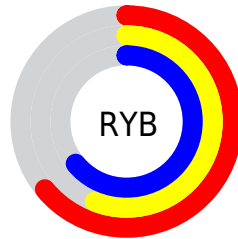
The Yxy color **30.4134, 0.3131, 0.2996** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5792, 0.3122, 0.3601**, and the grayscale version is **31.3563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4081, 0.3130, 0.3055**, and **12.5548, 0.3130, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **25.7199, 0.3133, 0.2748**, and if you desaturate by 10%, it is **35.8317, 0.3128, 0.3238**.

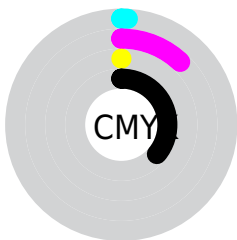
Distribution



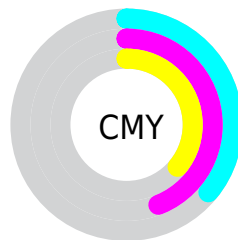
- Red (64%)
- Green (56%)
- Blue (64%)



- Red (64%)
- Yellow (56%)
- Blue (64%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)





- Cyan (36%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4134, 0.3131, 0.2996 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 30.4134, 0.3131, 0.2996 by changing the saturation by 10% instead.


 30.4134, 0.3131,
0.2996

 30.4134, 0.3131,
0.2996


303.8267, 0.3130,
0.3150

 20.1526, 0.3131,
0.2955


 60.3153, 0.3131,
0.3054

 12.5060, 0.3130,
0.2901


 80.7252, 0.3131,
0.3075

 7.0893, 0.3128,
0.2825


105.2870, 0.3131,
0.3093

 3.5180, 0.3124,
0.2714

134.3849, 0.3131,
0.3108

 1.4078, 0.3115,
0.2534

168.4034, 0.3131,
0.3121

 0.2224, 0.3181,
0.1489

207.7270, 0.3131,

 0.0000, 0.0000,

0.3132

0.0000

252.7399, 0.3130,
0.3142

■ 30.4134, 0.3131,
0.2996

■ 30.4134, 0.3131,
0.2996

■ 25.7199, 0.3133,
0.2748

■ 35.8317, 0.3128,
0.3238

■ 21.7163, 0.3134,
0.2502

■ 42.0000, 0.3124,
0.3470

■ 18.3706, 0.3133,
0.2265

■ 48.9470, 0.3120,
0.3687

■ 15.6470, 0.3130,
0.2047

■ 56.6990, 0.3115,
0.3889

■ 13.5059, 0.3125,
0.1856

■ 65.2807, 0.3110,
0.4075

■ 11.9035, 0.3118,
0.1701

■ 74.7161, 0.3105,
0.4244

■ 10.7896, 0.3109,
0.1586

■ 82.5857, 0.3103,
0.4363

■ 10.1047, 0.3099,
0.1513

■ 82.6727, 0.3107,
0.4362

■ 9.7606, 0.3090,
0.1476

■ 82.7603, 0.3112,
0.4360

Harmonies

Analogous

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



30.4134, 0.2922, 0.2931



30.4134, 0.3131, 0.2996



30.4134, 0.3345, 0.3132

Triad

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



30.4134, 0.3131, 0.2996



30.4134, 0.3490, 0.3624



30.4134, 0.2765, 0.3252

Complementary

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



30.4134, 0.3131, 0.2996



34.5792, 0.3122, 0.3601

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.



30.4134, 0.2908, 0.3453



30.4134, 0.3131, 0.2996



30.4134, 0.3325, 0.3673

Square

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



30.4134, 0.3131, 0.2996



30.4134, 0.3556, 0.3489



30.4134, 0.3112, 0.3611



30.4134, 0.2716, 0.3070

Rectangle

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



30.4134, 0.3131, 0.2996



30.4134, 0.3460, 0.3248



30.4134, 0.3112, 0.3611



30.4134, 0.2803, 0.3320

Sweetspot

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



30.4147, 0.3131, 0.2996



63.0952, 0.3129, 0.3193



28.8570, 0.2939, 0.2994



13.6324, 0.3129, 0.3176



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.



30.4147, 0.3131, 0.2996



52.4448, 0.3132, 0.2920



30.2027, 0.3230, 0.3127



7.1848, 0.3130, 0.3068



7.4901, 0.3092, 0.1477



0.1623, 0.3137, 0.1502

Inverse Universe

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



29.8791, 0.3332, 0.3276



51.2553, 0.3393, 0.3272



34.7787, 0.3036, 0.3459



7.0912, 0.3278, 0.3280



6.0669, 0.6334, 0.3263



0.1290, 0.6033, 0.3097

Previews

White Background



This preview shows how the Yxy color 30.4134, 0.3131, 0.2996 looks on a white background.

Color Contrast Check

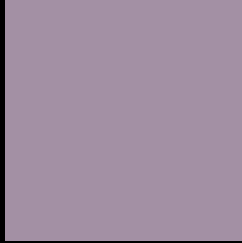
Large Text (above 18pt) WCAG AA × Fail

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 30.4134, 0.3131, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

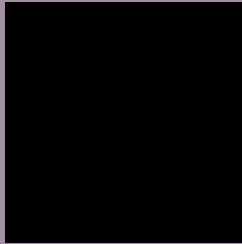
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4134, 0.3131, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 30.4134, 0.3131, 0.2996.



This preview shows how white text looks on a background with the Yxy color 30.4134, 0.3131, 0.2996.

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

30.4134, 0.3131, 0.2996

Protanopia

30.5808, 0.2952, 0.3016

Deuteranopia

30.5072, 0.3078, 0.3022



Tritanopia

30.3665, 0.3188, 0.3111

Trichromacy



Original Color

30.4134, 0.3131, 0.2996

Protanomaly

30.3929, 0.3010, 0.3004

Deuteranomaly

30.4047, 0.3099, 0.3008

Tritanomaly

30.4702, 0.3158, 0.3068

Monochromacy



Original Color

30.4134, 0.3131, 0.2996

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9631, 0.3132, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4134, 0.3131, 0.2996 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(163, 144, 164)` looks like.

```
.text, #text, p{  
    color:rgb(163, 144, 164)  
}
```

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(163, 144, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 144, 164) }
```

Border

The CSS property to change the border of an element to Yxy 30.4134, 0.3131, 0.2996 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(163, 144, 164) }
```

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

```
.border{ border-color:rgb(163, 144, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 144, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 144, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 144, 164);  
box-shadow:4px 4px 4px 4px rgb(163, 144,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4134, 0.3131, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 144, 164) }
```

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

```
.background{ background-color: rgb(163,  
144, 164) }
```

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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