

Converting Colors

$Y_{xy}(30.4025, 0.3160, 0.3046)$

Have a look what the booklet for
Yxy(30.4025, 0.3160, 0.3046)
contains.

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Color

Yxy(30.3063, 0.3160, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	A390A1
RGB	163, 144, 161
RGB Percent	64%, 56%, 63%
CMY	0.3607, 0.4353, 0.3686
CMYK	0.00, 0.12, 0.01, 0.36
HSL	306°, 9%, 60%
HSV	306°, 12%, 64%
XYZ	31.5130, 30.3063, 37.9053
YIQ	151.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

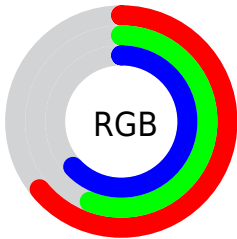
Format	Color
RYB	163, 144, 161
Decimal	10719393
CIELab	61.92, 10.21, -6.35
CIELCh	62, 12.026, 328.106
Yxy	30.3063, 0.3160, 0.3039
Android (android.graphics.Color)	4288909473 (0xFFA390A1)
YUV	151.6190, 4.6248, 9.9811
Hunter-Lab	55.0512, 5.8393, -2.2881

Details

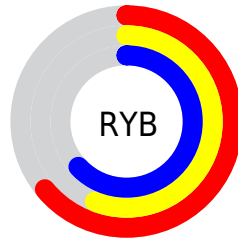
The Yxy color $30.3063, 0.3160, 0.3039$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.2061, 0.3096, 0.3555$, and the grayscale version is $31.2060, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.2515, 0.3152, 0.3088$, and $12.4890, 0.3172, 0.2975$ is the 20% darker color. If you saturate the color by 10%, you get $25.6602, 0.3192, 0.2818$, and if you desaturate by 10%, it is $35.6690, 0.3132, 0.3255$.

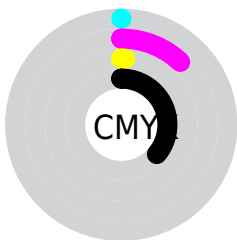
Distribution



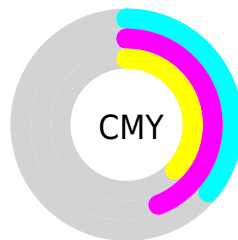
- Red (64%)
- Green (56%)
- Blue (63%)



- Red (64%)
- Yellow (56%)
- Blue (63%)



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





- Cyan (36%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3063, 0.3160, 0.3039 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 30.3063, 0.3160, 0.3039 by changing the saturation by 10% instead.


 30.3063, 0.3160,
0.3039


 30.3063, 0.3160,
0.3039


303.3296, 0.3144,
0.3171

 20.0712, 0.3164,
0.3004


 60.1462, 0.3154,
0.3089

 12.4468, 0.3169,
0.2957


 80.5199, 0.3152,
0.3107

 7.0487, 0.3176,
0.2892


105.0418, 0.3150,
0.3122

 3.4926, 0.3186,
0.2795

134.0964, 0.3148,
0.3135

 1.3940, 0.3199,
0.2636

168.0681, 0.3147,
0.3146

 0.2123, 0.3369,
0.1586

207.3412, 0.3146,

 0.0000, 0.0000,

0.3155

0.0000

252.3003, 0.3144,
0.3164

■ 30.3063, 0.3160,
0.3039

■ 30.3063, 0.3160,
0.3039

■ 25.6602, 0.3192,
0.2818

■ 35.6690, 0.3132,
0.3255

■ 21.6962, 0.3227,
0.2596

■ 41.7728, 0.3107,
0.3461

■ 18.3832, 0.3265,
0.2382

■ 48.6463, 0.3085,
0.3655

■ 15.6857, 0.3305,
0.2185

■ 56.3149, 0.3066,
0.3835

■ 13.5652, 0.3346,
0.2013

■ 64.8032, 0.3050,
0.4001

■ 11.9786, 0.3387,
0.1874

■ 74.1346, 0.3036,
0.4153

■ 10.8770, 0.3427,
0.1776

■ 82.3304, 0.3025,
0.4262

■ 10.2024, 0.3464,
0.1721

■ 82.3980, 0.3016,
0.4241

■ 9.8543, 0.3493,
0.1698

■ 82.4664, 0.3007,
0.4220

Harmonies

Analogous

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



30.3063, 0.2968, 0.2970



30.3063, 0.3160, 0.3039



30.3063, 0.3348, 0.3170

Triad

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



30.3063, 0.3160, 0.3039



30.3063, 0.3436, 0.3603



30.3063, 0.2788, 0.3230

Complementary

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



30.3063, 0.3160, 0.3039



34.2061, 0.3096, 0.3555

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.



30.3063, 0.2907, 0.3412



30.3063, 0.3160, 0.3039



30.3063, 0.3280, 0.3631

Square

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



30.3063, 0.3160, 0.3039



30.3063, 0.3510, 0.3491



30.3063, 0.3086, 0.3561



30.3063, 0.2758, 0.3073

Rectangle

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



30.3063, 0.3160, 0.3039



30.3063, 0.3444, 0.3277



30.3063, 0.3086, 0.3561



30.3063, 0.2819, 0.3291

Sweetspot

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



30.3076, 0.3160, 0.3039



61.4346, 0.3138, 0.3204



28.6929, 0.2966, 0.2995



13.6364, 0.3140, 0.3188



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.



30.3076, 0.3160, 0.3039



51.9875, 0.3168, 0.2982



29.9886, 0.3253, 0.3176



7.1892, 0.3153, 0.3092



7.6607, 0.3491, 0.1697



0.1644, 0.3377, 0.1634

Inverse Universe

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



30.3076, 0.3160, 0.3039



51.9875, 0.3168, 0.2982



34.5105, 0.3016, 0.3407



7.1892, 0.3153, 0.3092



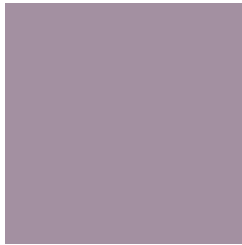
7.6607, 0.3491, 0.1697



0.1644, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 30.3063, 0.3160, 0.3039 looks on a white background.

Color Contrast Check

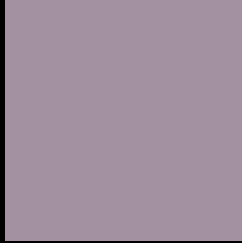
Large Text (above 18pt) WCAG AA × Fail

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 30.3063, 0.3160, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

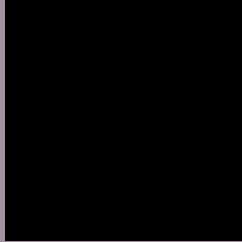
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3063, 0.3160, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 30.3063, 0.3160, 0.3039.



This preview shows how white text looks on a background with the Yxy color 30.3063, 0.3160, 0.3039.

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

30.3063, 0.3160, 0.3039

Protanopia

30.4711, 0.2979, 0.3060

Deuteranopia

30.1949, 0.3118, 0.3051



Tritanopia

30.3325, 0.3198, 0.3126

Trichromacy



Original Color

30.3063, 0.3160, 0.3039

Protanomaly

30.2841, 0.3037, 0.3048

Deuteranomaly

30.2976, 0.3128, 0.3052

Tritanomaly

30.4008, 0.3178, 0.3097

Monochromacy



Original Color

30.3063, 0.3160, 0.3039

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9294, 0.3142, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3063, 0.3160, 0.3039 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(163, 144, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 144, 161) }
```

Border

The CSS property to change the border of an element to Yxy 30.3063, 0.3160, 0.3039 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, 161) }
```

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

```
.border{ border-color:rgb(163, 144, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 144, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 144, 161);  
box-shadow:4px 4px 4px 4px rgb(163, 144,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3063, 0.3160, 0.3039 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, 161) }
```

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

```
.background{ background-color: rgb(163,  
144, 161) }
```

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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