

Converting Colors

$Y_{xy}(31.6321, 0.4064, 0.3221)$

Have a look what the booklet for
Yxy(31.6321, 0.4064, 0.3221)
contains.

Yxy(31.7179, 0.4063, 0.3231)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.7179, 0.4063, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	D68186
RGB	214, 129, 134
RGB Percent	84%, 51%, 53%
CMY	0.1607, 0.4941, 0.4746
CMYK	0.00, 0.40, 0.37, 0.16
HSL	356°, 51%, 67%
HSV	356°, 40%, 84%
XYZ	39.8854, 31.7179, 26.5641
YIQ	154.9850, 49.0550, 19.5750

Conversions

Conversions Part 2

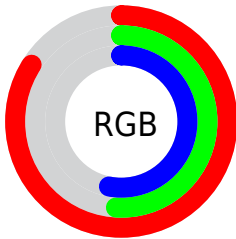
Format	Color
R _Y B	214, 129, 134
Decimal	14057862
CIE Lab	63.11, 33.35, 11.42
CIE LCh	63, 35.252, 18.910
Yxy	31.7179, 0.4063, 0.3231
Android (android.graphics.Color)	4292247942 (0xFFD68186)
YUV	154.9850, -10.3456, 51.7562
Hunter-Lab	56.3186, 27.8579, 11.4574

Details

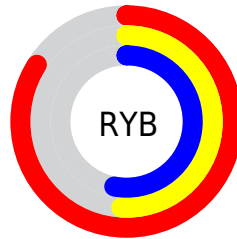
The Yxy color **31.7179, 0.4063, 0.3231** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.3708, 0.2608, 0.3354**, and the grayscale version is **32.8020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7148, 0.3716, 0.3250**, and **13.2728, 0.4377, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **26.1499, 0.4441, 0.3219**, and if you desaturate by 10%, it is **38.5767, 0.3748, 0.3246**.

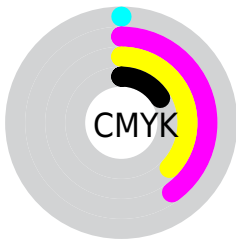
Distribution



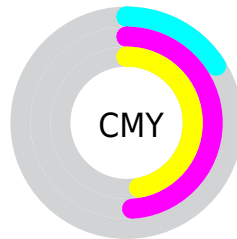
- Red (84%)
- Green (51%)
- Blue (53%)



- Red (84%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7179, 0.4063, 0.3231 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 31.7179, 0.4063, 0.3231 by changing the saturation by 10% instead.

 31.7179, 0.4063,
0.3231


 31.7179, 0.4063,
0.3231


309.8322, 0.3561,
0.3276

 21.1461, 0.4200,
0.3214


 62.3686, 0.3872,
0.3251

 13.2309, 0.4382,
0.3188


 83.2163, 0.3803,
0.3258

 7.5877, 0.4637,
0.3146


 108.2581, 0.3745,
0.3263

 3.8323, 0.5015,
0.3070

137.8783, 0.3697,
0.3266

 1.5802, 0.5633,
0.2922

172.4615, 0.3655,
0.3269

 0.3442, 0.7739,
0.2261

212.3919, 0.3620,


 0.0000, 1.0000,


0.3272

0.0000


258.0540, 0.3588,
0.3274

 0.0000, 0.0000,
0.0000


 31.7179, 0.4063,
0.3231


 31.7179, 0.4063,
0.3231


 26.1499, 0.4441,
0.3219


 38.5767, 0.3748,
0.3246


 21.7877, 0.4876,
0.3211


 46.7952, 0.3493,
0.3261


 18.5433, 0.5341,
0.3212


 56.4428, 0.3287,
0.3276

 16.3150, 0.5783,
0.3224

 67.5830, 0.3123,
0.3290

 14.9824, 0.6134,
0.3247

 80.2753, 0.2991,
0.3303

 14.3398, 0.6345,
0.3271

 93.0293, 0.2884,
0.3291

 14.3254, 0.6349,
0.3271

 93.0376, 0.2883,
0.3289

Harmonies

Analogous

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



31.7179, 0.3598, 0.2833



31.7179, 0.4063, 0.3231



31.7179, 0.4247, 0.3668

Triad

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



31.7179, 0.4063, 0.3231



31.7179, 0.3147, 0.4223



31.7179, 0.2215, 0.2475

Complementary

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



31.7179, 0.4063, 0.3231



57.3708, 0.2608, 0.3354

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.



31.7179, 0.2122, 0.2757



31.7179, 0.4063, 0.3231



31.7179, 0.2628, 0.3811

Square

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



31.7179, 0.4063, 0.3231



31.7179, 0.3687, 0.4296



31.7179, 0.2263, 0.3243



31.7179, 0.2530, 0.2411

Rectangle

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



31.7179, 0.4063, 0.3231



31.7179, 0.4181, 0.3943



31.7179, 0.2263, 0.3243



31.7179, 0.2159, 0.2545

Sweetspot

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



31.7195, 0.4063, 0.3231



80.2879, 0.3333, 0.3273



34.0165, 0.3117, 0.2300



16.7680, 0.3359, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.7195, 0.4063, 0.3231



39.8120, 0.4391, 0.3220



43.0967, 0.3936, 0.3744



12.4325, 0.3282, 0.3277



8.6630, 0.6333, 0.3263



0.5267, 0.6129, 0.3150

Inverse Universe

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



31.7195, 0.4063, 0.3231



39.8120, 0.4391, 0.3220



41.0358, 0.2504, 0.2781



12.4325, 0.3282, 0.3277



8.6630, 0.6333, 0.3263



0.5267, 0.6129, 0.3150

Previews

White Background



This preview shows how the Yxy color 31.7179, 0.4063, 0.3231 looks on a white background.

Color Contrast Check

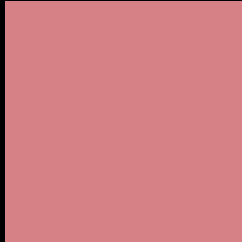
Large Text (above 18pt) WCAG AA × Fail

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 31.7179, 0.4063, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

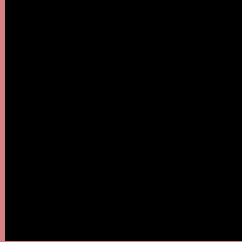
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.7179, 0.4063, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 31.7179, 0.4063, 0.3231.



This preview shows how white text looks on a background with the Yxy color 31.7179, 0.4063, 0.3231.

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

31.7179, 0.4063, 0.3231

Protanopia

32.0259, 0.3233, 0.3397

Deuteranopia

31.7362, 0.3601, 0.3524



Tritanopia

31.5695, 0.4018, 0.3168

Trichromacy



Original Color

31.7179, 0.4063, 0.3231

Protanomaly

31.3645, 0.3516, 0.3320

Deuteranomaly

31.3693, 0.3772, 0.3402

Tritanomaly

31.5406, 0.4031, 0.3181

Monochromacy



Original Color

31.7179, 0.4063, 0.3231

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.8945, 0.3436, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7179, 0.4063, 0.3231 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(214, 129, 134)` looks like.

```
.text, #text, p{  
    color:rgb(214, 129, 134)  
}
```

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(214, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 129, 134) }
```

Border

The CSS property to change the border of an element to Yxy 31.7179, 0.4063, 0.3231 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(214, 129, 134) }
```

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

```
.border{ border-color:rgb(214, 129, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 129, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 129, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 129, 134);  
box-shadow:4px 4px 4px 4px rgb(214, 129,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7179, 0.4063, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 129, 134) }
```

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

```
.background{ background-color: rgb(214,  
129, 134) }
```

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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