

Converting Colors

$Yxy(31.6515, 0.4032, 0.3190)$

Have a look what the booklet for
Yxy(31.6515, 0.4032, 0.3190)
contains.

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Color

Yxy(31.5406, 0.4031, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	D68089
RGB	214, 128, 137
RGB Percent	84%, 50%, 54%
CMY	0.1607, 0.4980, 0.4628
CMYK	0.00, 0.40, 0.36, 0.16
HSL	354°, 51%, 67%
HSV	354°, 40%, 84%
XYZ	39.9686, 31.5406, 27.6439
YIQ	154.7400, 48.3670, 21.0310

Conversions

Conversions Part 2

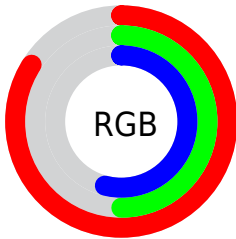
Format	Color
R _Y B	214, 128, 137
Decimal	14057609
CIE Lab	62.96, 34.25, 9.50
CIE LCh	63, 35.539, 15.502
Yxy	31.5406, 0.4031, 0.3181
Android (android.graphics.Color)	4292247689 (0xFFD68089)
YUV	154.7400, -8.7458, 51.9710
Hunter-Lab	56.1610, 28.7529, 10.1287

Details

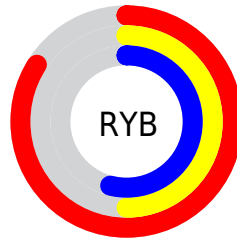
The Yxy color **31.5406, 0.4031, 0.3181** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.0987, 0.2625, 0.3408**, and the grayscale version is **32.6813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4336, 0.3693, 0.3208**, and **13.1640, 0.4348, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **26.0338, 0.4392, 0.3158**, and if you desaturate by 10%, it is **38.3256, 0.3730, 0.3208**.

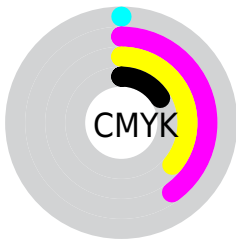
Distribution



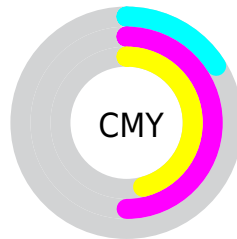
- Red (84%)
- Green (50%)
- Blue (54%)



- Red (84%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (16%)




- Cyan (16%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5406, 0.4031, 0.3181 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 31.5406, 0.4031, 0.3181 by changing the saturation by 10% instead.


 31.5406, 0.4031,
0.3181


 31.5406, 0.4031,
0.3181


309.0212, 0.3546,
0.3250

 21.0108, 0.4163,
0.3158


 62.0902, 0.3847,
0.3210

 13.1319, 0.4340,
0.3125


 82.8788, 0.3780,
0.3220

 7.5195, 0.4587,
0.3074


 107.8559, 0.3724,
0.3228

 3.7890, 0.4954,
0.2987

137.4057, 0.3677,
0.3234

 1.5563, 0.5550,
0.2822

171.9128, 0.3637,
0.3239

 0.3278, 0.7835,
0.2165

211.7615, 0.3603,

 0.0000, 1.0000,

0.3243

0.0000

257.3361, 0.3572,
0.3247

0.0000, 0.0000,
0.0000

31.5406, 0.4031,
0.3181

31.5406, 0.4031,
0.3181

26.0338, 0.4392,
0.3158

38.3256, 0.3730,
0.3208

21.7206, 0.4809,
0.3143

46.4569, 0.3485,
0.3237

18.5137, 0.5258,
0.3141


56.0036, 0.3288,
0.3264

16.3120, 0.5694,
0.3159


67.0285, 0.3130,
0.3290

14.9956, 0.6055,
0.3196

79.5909, 0.3002,
0.3313

 14.3577, 0.6291,
0.3239

 92.8452, 0.2899,
0.3320

 93.0384, 0.2883,
0.3289

Harmonies

Analogous

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



31.5406, 0.3539, 0.2789



31.5406, 0.4031, 0.3181



31.5406, 0.4254, 0.3621

Triad

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



31.5406, 0.4031, 0.3181



31.5406, 0.3210, 0.4260



31.5406, 0.2185, 0.2489

Complementary

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



31.5406, 0.4031, 0.3181



57.0987, 0.2625, 0.3408

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.



31.5406, 0.2117, 0.2798



31.5406, 0.4031, 0.3181



31.5406, 0.2676, 0.3877

Square

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



31.5406, 0.4031, 0.3181



31.5406, 0.3748, 0.4293



31.5406, 0.2286, 0.3306



31.5406, 0.2477, 0.2400

Rectangle

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



31.5406, 0.4031, 0.3181



31.5406, 0.4213, 0.3903



31.5406, 0.2286, 0.3306



31.5406, 0.2136, 0.2567

Sweetspot

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



31.5422, 0.4031, 0.3181



80.3657, 0.3323, 0.3259



33.1282, 0.3075, 0.2276



16.7861, 0.3348, 0.3255



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.



31.5422, 0.4031, 0.3181



39.9822, 0.4326, 0.3161



41.3366, 0.3970, 0.3698



12.4417, 0.3275, 0.3266



8.6843, 0.6270, 0.3227



0.5311, 0.5936, 0.3044

Inverse Universe

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



31.5422, 0.4031, 0.3181



39.9822, 0.4326, 0.3161



42.5097, 0.2506, 0.2835



12.4417, 0.3275, 0.3266



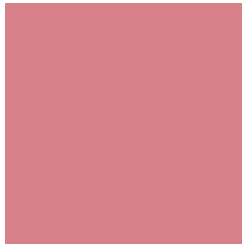
8.6843, 0.6270, 0.3227



0.5311, 0.5936, 0.3044

Previews

White Background



This preview shows how the Yxy color 31.5406, 0.4031, 0.3181 looks on a white background.

Color Contrast Check

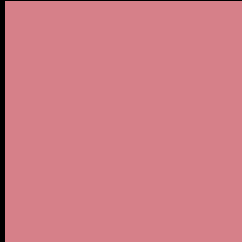
Large Text (above 18pt) WCAG AA × Fail

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 31.5406, 0.4031, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

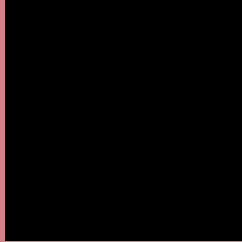
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5406, 0.4031, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 31.5406, 0.4031, 0.3181.



This preview shows how white text looks on a background with the Yxy color 31.5406, 0.4031, 0.3181.

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

31.5406, 0.4031, 0.3181

Protanopia

31.7264, 0.3186, 0.3321

Deuteranopia

31.5873, 0.3548, 0.3481



Tritanopia

31.5406, 0.4031, 0.3181

Trichromacy



Original Color

31.5406, 0.4031, 0.3181

Protanomaly

31.0364, 0.3475, 0.3262

Deuteranomaly

31.3243, 0.3727, 0.3361

Tritanomaly

31.5406, 0.4031, 0.3181

Monochromacy



Original Color

31.5406, 0.4031, 0.3181

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6190, 0.3428, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5406, 0.4031, 0.3181 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, 128, 137)` looks like.

```
.text, #text, p{  
    color:rgb(214, 128, 137)  
}
```

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, 128, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 128, 137) }
```

Border

The CSS property to change the border of an element to Yxy 31.5406, 0.4031, 0.3181 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, 128, 137) }
```

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

```
.border{ border-color:rgb(214, 128, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 128, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 128, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 128, 137);  
box-shadow:4px 4px 4px 4px rgb(214, 128,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5406, 0.4031, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 128, 137) }
```

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

```
.background{ background-color: rgb(214,  
128, 137) }
```

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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