

Converting Colors

Yxy(37.7148, 0.3750, 0.3181)

Have a look what the booklet for
Yxy(37.7148, 0.3750, 0.3181)
contains.

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Color

Yxy(37.7148, 0.3750, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	D7939C
RGB	215, 147, 156
RGB Percent	84%, 58%, 61%
CMY	0.1568, 0.4235, 0.3882
CMYK	0.00, 0.32, 0.27, 0.16
HSL	352°, 46%, 71%
HSV	352°, 32%, 84%
XYZ	44.4610, 37.7148, 36.3869
YIQ	168.3580, 37.6390, 17.2150

Conversions

Conversions Part 2

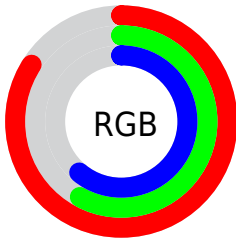
Format	Color
R _Y B	215, 147, 156
Decimal	14128028
CIE Lab	67.81, 26.89, 5.71
CIE LCh	68, 27.486, 11.990
Yxy	37.7148, 0.3750, 0.3181
Android (android.graphics.Color)	4292318108 (0xFFD7939C)
YUV	168.3580, -6.0925, 40.9050
Hunter-Lab	61.4124, 21.7579, 7.8593

Details

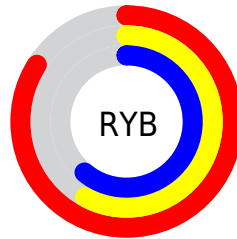
The Yxy color **37.7148, 0.3750, 0.3181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.2670, 0.2727, 0.3404**, and the grayscale version is **39.3606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1542, 0.3484, 0.3209**, and **16.7566, 0.3947, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **31.0587, 0.4049, 0.3147**, and if you desaturate by 10%, it is **45.7212, 0.3506, 0.3217**.

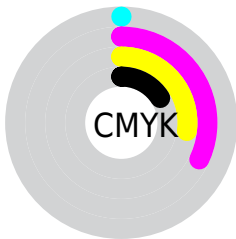
Distribution



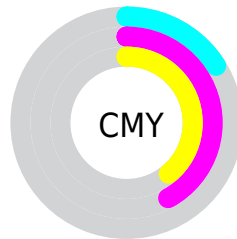
- Red (84%)
- Green (58%)
- Blue (61%)



- Red (84%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (16%)




- Cyan (16%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7148, 0.3750, 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 37.7148, 0.3750, 0.3181 by changing the saturation by 10% instead.

 37.7148, 0.3750,
0.3181


 37.7148, 0.3750,
0.3181


336.3950, 0.3425,
0.3242

 25.7614, 0.3835,
0.3163


 71.6708, 0.3629,
0.3205

 16.6452, 0.3947,
0.3139


 94.4422, 0.3584,
0.3213

 9.9819, 0.4101,
0.3105


121.5884, 0.3547,
0.3220

 5.3869, 0.4324,
0.3051

153.4937, 0.3515,
0.3226

 2.4760, 0.4675,
0.2960

190.5427, 0.3488,
0.3231

 0.8646, 0.5401,
0.2827


233.1196, 0.3465,

 0.0000, 1.0000,

0.3235

0.0000


281.6089, 0.3444,
0.3239


 0.0000, 0.0000,
0.0000


 37.7148, 0.3750,
0.3181


 37.7148, 0.3750,
0.3181

 31.0587, 0.4049,
0.3147


 45.7212, 0.3506,
0.3217

 25.6734, 0.4406,
0.3117


 55.1411, 0.3309,
0.3252


 21.4792, 0.4816,
0.3099

 66.0400, 0.3150,
0.3285

 18.3855, 0.5257,
0.3098

 78.4779, 0.3022,
0.3315

 16.2882, 0.5683,
0.3121

 92.5114, 0.2919,
0.3343

■ 15.0635, 0.6036,
0.3168

■ 93.1889, 0.2889,
0.3289

■ 14.5348, 0.6245,
0.3214

Harmonies

Analogous

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



37.7148, 0.3383, 0.2886



37.7148, 0.3750, 0.3181



37.7148, 0.3941, 0.3515

Triad

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



37.7148, 0.3750, 0.3181



37.7148, 0.3248, 0.3997



37.7148, 0.2406, 0.2719

Complementary

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



37.7148, 0.3750, 0.3181



59.2670, 0.2727, 0.3404

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.



37.7148, 0.2377, 0.2978



37.7148, 0.3750, 0.3181



37.7148, 0.2845, 0.3750

Square

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



37.7148, 0.3750, 0.3181



37.7148, 0.3634, 0.4011



37.7148, 0.2532, 0.3359



37.7148, 0.2613, 0.2623

Rectangle

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



37.7148, 0.3750, 0.3181



37.7148, 0.3936, 0.3727



37.7148, 0.2532, 0.3359



37.7148, 0.2376, 0.2788

Sweetspot

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



37.7166, 0.3750, 0.3181



85.0045, 0.3265, 0.3261



38.8882, 0.3080, 0.2488



17.7125, 0.3290, 0.3256



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.



37.7166, 0.3750, 0.3181



48.6850, 0.3945, 0.3157



46.0369, 0.3752, 0.3596



12.4473, 0.3270, 0.3259



8.7014, 0.6220, 0.3200



0.5338, 0.5827, 0.2984

Inverse Universe

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



37.7166, 0.3750, 0.3181



48.6850, 0.3945, 0.3157



47.9691, 0.2638, 0.2961



12.4473, 0.3270, 0.3259



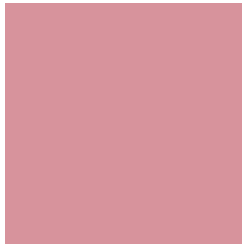
8.7014, 0.6220, 0.3200



0.5338, 0.5827, 0.2984

Previews

White Background



This preview shows how the Yxy color 37.7148, 0.3750, 0.3181 looks on a white background.

Color Contrast Check

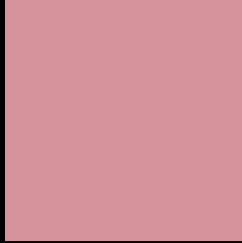
Large Text (above 18pt) WCAG AA × Fail

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 37.7148, 0.3750, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

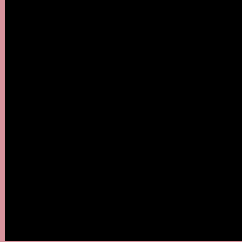
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7148, 0.3750, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 37.7148, 0.3750, 0.3181.



This preview shows how white text looks on a background with the Yxy color 37.7148, 0.3750, 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

37.7148, 0.3750, 0.3181

Protanopia

37.9883, 0.3146, 0.3276

Deuteranopia

37.9138, 0.3438, 0.3373



Tritanopia

37.7831, 0.3728, 0.3156

Trichromacy



Original Color

37.7148, 0.3750, 0.3181

Protanomaly

37.3766, 0.3356, 0.3236

Deuteranomaly

37.6796, 0.3552, 0.3291

Tritanomaly

37.7488, 0.3739, 0.3169

Monochromacy



Original Color

37.7148, 0.3750, 0.3181

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1362, 0.3334, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7148, 0.3750, 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(215, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(215, 147, 156)  
}
```

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(215, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 147, 156) }
```

Border

The CSS property to change the border of an element to Yxy 37.7148, 0.3750, 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(215, 147, 156) }
```

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

```
.border{ border-color:rgb(215, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(215, 147,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7148, 0.3750, 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(215, 147, 156) }
```

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

```
.background{ background-color: rgb(215,  
147, 156) }
```

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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