

Converting Colors

$Yxy(42.7725, 0.3344, 0.3141)$

Have a look what the booklet for
Yxy(42.7725, 0.3344, 0.3141)
contains.

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Color

Yxy(42.7661, 0.3339, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	C8A6B2
RGB	200, 166, 178
RGB Percent	78%, 65%, 70%
CMY	0.2157, 0.3490, 0.3019
CMYK	0.00, 0.17, 0.11, 0.22
HSL	339°, 24%, 72%
HSV	339°, 17%, 78%
XYZ	45.4909, 42.7661, 47.9841
YIQ	177.5340, 16.4120, 10.9400

Conversions

Conversions Part 2

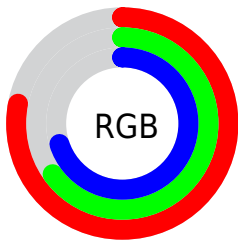
Format	Color
R _Y B	200, 166, 178
Decimal	13149874
CIE Lab	71.40, 14.40, -1.52
CIE LCh	71, 14.483, 353.994
Yxy	42.7661, 0.3339, 0.3139
Android (android.graphics.Color)	4291339954 (0xFFC8A6B2)
YUV	177.5340, 0.2297, 19.7027
Hunter-Lab	65.3958, 9.7263, 2.2730

Details

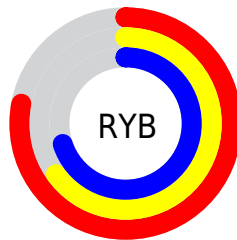
The Yxy color **42.7661, 0.3339, 0.3139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0427, 0.2953, 0.3446**, and the grayscale version is **44.2552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9134, 0.3283, 0.3161**, and **19.6263, 0.3411, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **35.5579, 0.3501, 0.3044**, and if you desaturate by 10%, it is **51.1577, 0.3206, 0.3230**.

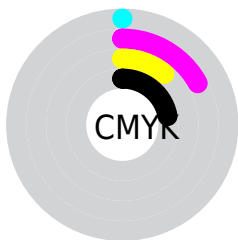
Distribution



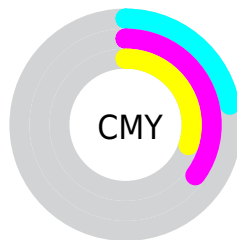
- Red (78%)
- Green (65%)
- Blue (70%)



- Red (78%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7661, 0.3339, 0.3139 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 42.7661, 0.3339, 0.3139 by changing the saturation by 10% instead.


 42.7661, 0.3339,
0.3139


 42.7661, 0.3339,
0.3139


357.6490, 0.3232,
0.3215

 29.7016, 0.3366,
0.3120


 79.3578, 0.3300,
0.3167

 19.6122, 0.3401,
0.3095


 103.6538, 0.3285,
0.3177

 12.1135, 0.3449,
0.3062


132.4624, 0.3273,
0.3186

 6.8210, 0.3516,
0.3015

166.1681, 0.3262,
0.3193

 3.3504, 0.3618,
0.2945

205.1552, 0.3253,
0.3200

 1.3173, 0.3793,
0.2825

249.8081, 0.3245,

 0.1545, 0.5376,

0.3206

0.1667

300.5112, 0.3238,
0.3211

0.0000, 0.0000,
0.0000

42.7661, 0.3339,
0.3139

42.7661, 0.3339,
0.3139

35.5579, 0.3501,
0.3044

51.1577, 0.3206,
0.3230

29.4740, 0.3698,
0.2949

60.7771, 0.3097,
0.3315

24.4586, 0.3933,
0.2858

71.6732, 0.3007,
0.3394

20.4491, 0.4206,
0.2781

83.8906, 0.2934,
0.3466

17.3762, 0.4515,
0.2727

90.2498, 0.2868,
0.3420

■ 15.1614, 0.4847,
0.2710

■ 91.0183, 0.2805,
0.3289

■ 13.7137, 0.5181,
0.2740

■ 12.9108, 0.5489,
0.2819

■ 12.7290, 0.5578,
0.2846

Harmonies

Analogous

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



42.7661, 0.3133, 0.3007



42.7661, 0.3339, 0.3139



42.7661, 0.3490, 0.3311

Triad

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



42.7661, 0.3339, 0.3139



42.7661, 0.3317, 0.3659



42.7661, 0.2730, 0.3076

Complementary

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



42.7661, 0.3339, 0.3139



53.0427, 0.2953, 0.3446

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.



42.7661, 0.2776, 0.3252



42.7661, 0.3339, 0.3139



42.7661, 0.3111, 0.3598

Square

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



42.7661, 0.3339, 0.3139



42.7661, 0.3476, 0.3613



42.7661, 0.2914, 0.3446



42.7661, 0.2786, 0.2967

Rectangle

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



42.7661, 0.3339, 0.3139



42.7661, 0.3537, 0.3429



42.7661, 0.2914, 0.3446



42.7661, 0.2734, 0.3129

Sweetspot

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



42.7680, 0.3339, 0.3139



91.6135, 0.3183, 0.3247



42.0764, 0.3036, 0.2859



19.3663, 0.3191, 0.3240



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.



42.7680, 0.3339, 0.3139



69.7208, 0.3389, 0.3108



43.9832, 0.3439, 0.3349



10.6978, 0.3235, 0.3209



8.1098, 0.5541, 0.2826



0.3978, 0.4957, 0.2504

Inverse Universe

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



42.7680, 0.3339, 0.3139



69.7208, 0.3389, 0.3108



51.5144, 0.2870, 0.3231



10.6978, 0.3235, 0.3209



8.1098, 0.5541, 0.2826



0.3978, 0.4957, 0.2504

Previews

White Background



This preview shows how the Yxy color 42.7661, 0.3339, 0.3139 looks on a white background.

Color Contrast Check

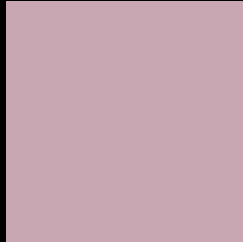
Large Text (above 18pt) WCAG AA × Fail

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 42.7661, 0.3339, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

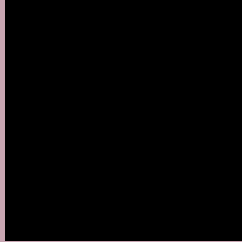
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7661, 0.3339, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 42.7661, 0.3339, 0.3139.



This preview shows how white text looks on a background with the Yxy color 42.7661, 0.3339, 0.3139.

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

42.7661, 0.3339, 0.3139

Protanopia

42.9211, 0.3071, 0.3170

Deuteranopia

43.0001, 0.3259, 0.3200



Tritanopia

42.8065, 0.3330, 0.3127

Trichromacy



Original Color

42.7661, 0.3339, 0.3139

Protanomaly

42.7763, 0.3169, 0.3159

Deuteranomaly

43.0196, 0.3288, 0.3188

Tritanomaly

42.8065, 0.3330, 0.3127

Monochromacy



Original Color

42.7661, 0.3339, 0.3139

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9256, 0.3201, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7661, 0.3339, 0.3139 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(200, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 178)  
}
```

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(200, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 178) }
```

Border

The CSS property to change the border of an element to Yxy 42.7661, 0.3339, 0.3139 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(200, 166, 178) }
```

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

```
.border{ border-color:rgb(200, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7661, 0.3339, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 178) }
```

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

```
.background{ background-color: rgb(200,  
166, 178) }
```

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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