

Converting Colors

$Y_{xy}(41.2252, 0.3258, 0.2971)$

Have a look what the booklet for
Yxy(41.2252, 0.3258, 0.2971)
contains.

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Color

Yxy(41.2197, 0.3255, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	C7A1BB
RGB	199, 161, 187
RGB Percent	78%, 63%, 73%
CMY	0.2196, 0.3686, 0.2667
CMYK	0.00, 0.19, 0.06, 0.22
HSL	319°, 25%, 71%
HSV	319°, 19%, 78%
XYZ	45.2666, 41.2197, 52.5815
YIQ	175.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

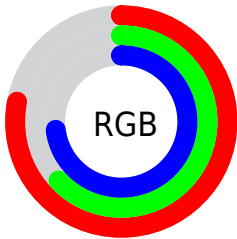
Format	Color
RYB	199, 161, 187
Decimal	13083067
CIELab	70.33, 18.36, -8.07
CIELCh	70, 20.050, 336.275
Yxy	41.2197, 0.3255, 0.2964
Android (android.graphics.Color)	4291273147 (0xFFC7A1BB)
YUV	175.3260, 5.7553, 20.7621
Hunter-Lab	64.2026, 13.4985, -3.6164

Details

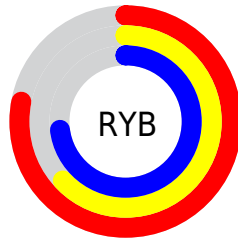
The Yxy color $41.2197, 0.3255, 0.2964$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $51.4408, 0.3019, 0.3640$, and the grayscale version is $43.0122, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8428, 0.3226, 0.3024$, and $18.6783, 0.3292, 0.2867$ is the 20% darker color. If you saturate the color by 10%, you get $34.5474, 0.3339, 0.2786$, and if you desaturate by 10%, it is $49.0143, 0.3183, 0.3138$.

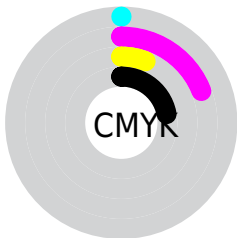
Distribution



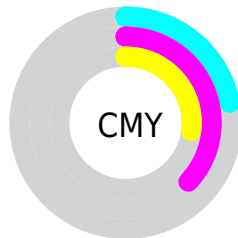
- Red (78%)
- Green (63%)
- Blue (73%)



- Red (78%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2197, 0.3255, 0.2964 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 41.2197, 0.3255, 0.2964 by changing the saturation by 10% instead.

 41.2197, 0.3255,
0.2964

 41.2197, 0.3255,
0.2964

351.2380, 0.3192,
0.3126

 28.4908, 0.3271,
0.2924


 77.0173, 0.3232,
0.3023

 18.6960, 0.3290,
0.2872


 100.8548, 0.3224,
0.3045

 11.4508, 0.3317,
0.2804


129.1639, 0.3216,
0.3064

 6.3709, 0.3353,
0.2710

162.3291, 0.3210,
0.3080

 3.0719, 0.3406,
0.2570

200.7347, 0.3205,
0.3094

 1.1694, 0.3491,
0.2343

244.7651, 0.3200,

 0.0365, 0.4299,

0.3106

0.0325

294.8047, 0.3196,
0.3117

0.0000, 0.0000,
0.0000

41.2197, 0.3255,
0.2964

41.2197, 0.3255,
0.2964

34.5474, 0.3339,
0.2786

49.0143, 0.3183,
0.3138

28.9395, 0.3436,
0.2610

57.9747, 0.3122,
0.3305

24.3412, 0.3546,
0.2444

68.1486, 0.3071,
0.3462

20.6908, 0.3667,
0.2297

79.5797, 0.3028,
0.3608

17.9193, 0.3797,
0.2180

88.7461, 0.2992,
0.3687

■ 15.9489, 0.3932,
0.2103

■ 89.0824, 0.2958,
0.3616

■ 14.6875, 0.4068,
0.2075

■ 89.4312, 0.2924,
0.3547

■ 13.9788, 0.4200,
0.2092

■ 89.7929, 0.2891,
0.3478

■ 13.9232, 0.4212,
0.2094

■ 90.1674, 0.2858,
0.3410

Harmonies

Analogous

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



41.2197, 0.2960, 0.2835



41.2197, 0.3255, 0.2964



41.2197, 0.3525, 0.3172

Triad

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



41.2197, 0.3255, 0.2964



41.2197, 0.3535, 0.3786



41.2197, 0.2598, 0.3123

Complementary

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



41.2197, 0.3255, 0.2964



51.4408, 0.3019, 0.3640

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.



41.2197, 0.2738, 0.3397



41.2197, 0.3255, 0.2964



41.2197, 0.3275, 0.3797

Square

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



41.2197, 0.3255, 0.2964



41.2197, 0.3690, 0.3640



41.2197, 0.2983, 0.3653



41.2197, 0.2592, 0.2913

Rectangle

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



41.2197, 0.3255, 0.2964



41.2197, 0.3649, 0.3333



41.2197, 0.2983, 0.3653



41.2197, 0.2630, 0.3211

Sweetspot

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



41.2215, 0.3255, 0.2964



90.3163, 0.3164, 0.3189



38.4319, 0.2912, 0.2787



19.1157, 0.3168, 0.3178



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.



41.2215, 0.3255, 0.2964



66.9816, 0.3289, 0.2889



40.4836, 0.3425, 0.3193



10.7574, 0.3185, 0.3133



8.9697, 0.4195, 0.2085



0.4374, 0.3942, 0.1945

Inverse Universe

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



41.2215, 0.3255, 0.2964



66.9816, 0.3289, 0.2889



52.2026, 0.2894, 0.3389



10.7574, 0.3185, 0.3133



8.9697, 0.4195, 0.2085



0.4374, 0.3942, 0.1945

Previews

White Background



This preview shows how the Yxy color 41.2197, 0.3255, 0.2964 looks on a white background.

Color Contrast Check

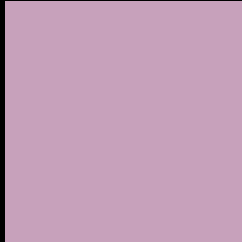
Large Text (above 18pt) WCAG AA × Fail

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 41.2197, 0.3255, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

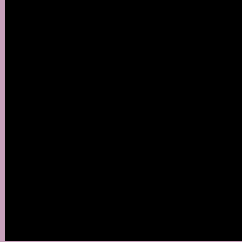
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2197, 0.3255, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 41.2197, 0.3255, 0.2964.



This preview shows how white text looks on a background with the Yxy color 41.2197, 0.3255, 0.2964.

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

41.2197, 0.3255, 0.2964

Protanopia

41.4111, 0.2933, 0.2995

Deuteranopia

41.2499, 0.3112, 0.3041



Tritanopia

41.1993, 0.3334, 0.3124

Trichromacy



Original Color

41.2197, 0.3255, 0.2964

Protanomaly

41.1023, 0.3043, 0.2975

Deuteranomaly

41.2743, 0.3167, 0.3019

Tritanomaly

41.1417, 0.3308, 0.3062

Monochromacy



Original Color

41.2197, 0.3255, 0.2964

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1945, 0.3178, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2197, 0.3255, 0.2964 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(199, 161, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 187)  
}
```

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(199, 161, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 187) }
```

Border

The CSS property to change the border of an element to Yxy 41.2197, 0.3255, 0.2964 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(199, 161, 187) }
```

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

```
.border{ border-color:rgb(199, 161, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2197, 0.3255, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 187) }
```

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

```
.background{ background-color: rgb(199,  
161, 187) }
```

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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