

Converting Colors

$Y_{xy}(41.4028, 0.3108, 0.2869)$

Have a look what the booklet for
Yxy(41.4028, 0.3108, 0.2869)
contains.

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Color

Yxy(41.3864, 0.3110, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	C0A3C4
RGB	192, 163, 196
RGB Percent	75%, 64%, 77%
CMY	0.2471, 0.3608, 0.2313
CMYK	0.02, 0.17, 0.00, 0.23
HSL	293°, 22%, 70%
HSV	293°, 17%, 77%
XYZ	44.8005, 41.3864, 57.8661
YIQ	175.4330, 6.6910, 16.4110

Conversions

Conversions Part 2

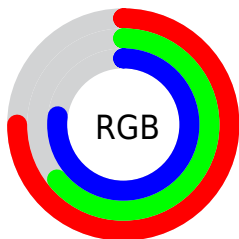
Format	Color
R _{YB}	192, 163, 196
Decimal	12624836
CIE Lab	70.45, 16.51, -12.96
CIE LCh	70, 20.987, 321.876
Yxy	41.3864, 0.3110, 0.2873
Android (android.graphics.Color)	4290814916 (0xFFC0A3C4)
YUV	175.4330, 10.1395, 14.5293
Hunter-Lab	64.3323, 11.7245, -8.2980

Details

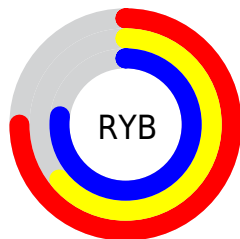
The Yxy color $41.3864, 0.3110, 0.2873$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $50.3546, 0.3138, 0.3736$, and the grayscale version is $43.0508, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3744, 0.3115, 0.2944$, and $18.7251, 0.3101, 0.2759$ is the 20% darker color. If you saturate the color by 10%, you get $34.6484, 0.3096, 0.2617$, and if you desaturate by 10%, it is $49.2120, 0.3121, 0.3124$.

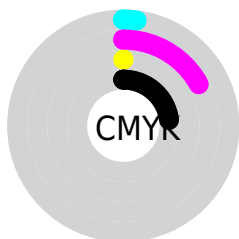
Distribution



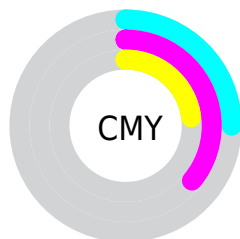
- Red (75%)
- Green (64%)
- Blue (77%)



- Red (75%)
- Yellow (64%)
- Blue (77%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)





- Cyan (25%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3864, 0.3110, 0.2873 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 41.3864, 0.3110, 0.2873 by changing the saturation by 10% instead.


 41.3864, 0.3110,
0.2873

 41.3864, 0.3110,
0.2873


351.9330, 0.3121,
0.3079

 28.6211, 0.3106,
0.2822


 77.2701, 0.3115,
0.2947

 18.7944, 0.3101,
0.2758


 101.1574, 0.3116,
0.2975

 11.5218, 0.3093,
0.2673


129.5207, 0.3118,
0.2999

 6.4190, 0.3081,
0.2556

162.7446, 0.3119,
0.3020

 3.1015, 0.3059,
0.2385

201.2133, 0.3120,
0.3037

 1.1849, 0.3014,
0.2113

245.3114, 0.3120,

 0.0494, 0.3084,

0.3053

0.0338

295.4231, 0.3121,
0.3067

0.0000, 0.0000,
0.0000

41.3864, 0.3110,
0.2873

41.3864, 0.3110,
0.2873

34.6484, 0.3096,
0.2617

49.2120, 0.3121,
0.3124

28.9431, 0.3078,
0.2363

58.1661, 0.3129,
0.3364

24.2188, 0.3056,
0.2121

68.2943, 0.3135,
0.3590

20.4173, 0.3032,
0.1900

79.6379, 0.3139,
0.3800

17.4740, 0.3004,
0.1711

88.3376, 0.3145,
0.3934

■ 15.3164, 0.2974,
0.1560

■ 88.6781, 0.3160,
0.3932

■ 13.8594, 0.2943,
0.1453

■ 89.0238, 0.3175,
0.3929

■ 12.9895, 0.2912,
0.1389

■ 89.3747, 0.3190,
0.3926

■ 12.7696, 0.2902,
0.1372

■ 89.7309, 0.3205,
0.3923

Harmonies

Analogous

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



41.3864, 0.2821, 0.2789



41.3864, 0.3110, 0.2873



41.3864, 0.3417, 0.3055

Triad

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



41.3864, 0.3110, 0.2873



41.3864, 0.3649, 0.3749



41.3864, 0.2628, 0.3248

Complementary

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



41.3864, 0.3110, 0.2873



50.3546, 0.3138, 0.3736

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.



41.3864, 0.2832, 0.3539



41.3864, 0.3110, 0.2873



41.3864, 0.3421, 0.3836

Square

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



41.3864, 0.3110, 0.2873



41.3864, 0.3736, 0.3548



41.3864, 0.3121, 0.3762



41.3864, 0.2554, 0.2988

Rectangle

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



41.3864, 0.3110, 0.2873



41.3864, 0.3586, 0.3212



41.3864, 0.3121, 0.3762



41.3864, 0.2683, 0.3347

Sweetspot

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



41.3882, 0.3110, 0.2873



91.8393, 0.3123, 0.3167



39.5600, 0.2858, 0.2901



19.4211, 0.3122, 0.3150



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.



41.3882, 0.3110, 0.2873



70.5046, 0.3105, 0.2784



41.3919, 0.3253, 0.3025



10.1832, 0.3119, 0.3062



8.2279, 0.2906, 0.1375



0.3734, 0.2978, 0.1414

Inverse Universe

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



40.7259, 0.3407, 0.3239



69.1100, 0.3479, 0.3227



50.3776, 0.3020, 0.3571



10.0974, 0.3270, 0.3262



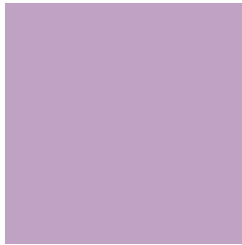
7.5898, 0.6231, 0.3206



0.3347, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 41.3864, 0.3110, 0.2873 looks on a white background.

Color Contrast Check

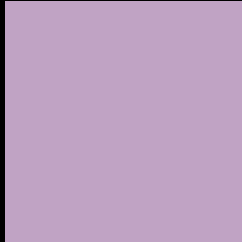
Large Text (above 18pt) WCAG AA × Fail

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 41.3864, 0.3110, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

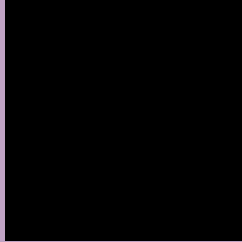
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3864, 0.3110, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 41.3864, 0.3110, 0.2873.



This preview shows how white text looks on a background with the Yxy color 41.3864, 0.3110, 0.2873.

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

41.3864, 0.3110, 0.2873

Protanopia

41.5584, 0.2856, 0.2892

Deuteranopia

41.5291, 0.3002, 0.2937



Tritanopia

41.3459, 0.3228, 0.3121

Trichromacy



Original Color

41.3864, 0.3110, 0.2873

Protanomaly

41.3589, 0.2945, 0.2885

Deuteranomaly

41.4029, 0.3046, 0.2916

Tritanomaly

41.3602, 0.3185, 0.3032

Monochromacy



Original Color

41.3864, 0.3110, 0.2873

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3685, 0.3117, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3864, 0.3110, 0.2873 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(192, 163, 196)` looks like.

```
.text, #text, p{  
    color:rgb(192, 163, 196)  
}
```

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(192, 163, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 163, 196) }
```

Border

The CSS property to change the border of an element to Yxy 41.3864, 0.3110, 0.2873 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(192, 163, 196) }
```

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

```
.border{ border-color:rgb(192, 163, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 163, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 163, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 163, 196);  
box-shadow:4px 4px 4px 4px rgb(192, 163,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3864, 0.3110, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 163, 196) }
```

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

```
.background{ background-color: rgb(192,  
163, 196) }
```

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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