

Converting Colors

$Y_{xy}(10.7001, 0.4240, 0.2322)$

Have a look what the booklet for
Yxy(10.7001, 0.4240, 0.2322)
contains.

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Color

Yxy(10.7124, 0.4251, 0.2324)

Conversions

Conversions Part 1

Format	Color
Hex	A8246E
RGB	168, 36, 110
RGB Percent	66%, 14%, 43%
CMY	0.3412, 0.8588, 0.5686
CMYK	0.00, 0.79, 0.35, 0.34
HSL	326°, 65%, 40%
HSV	326°, 79%, 66%
XYZ	19.5948, 10.7124, 15.7874
YIQ	83.9040, 54.9180, 50.9980

Conversions

Conversions Part 2

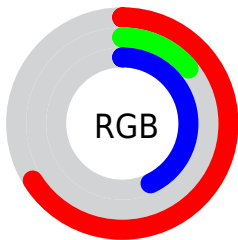
Format	Color
RYB	168, 36, 110
Decimal	11019374
CIELab	39.09, 57.91, -10.08
CIELCh	39, 58.780, 350.121
Yxy	10.7124, 0.4251, 0.2324
Android (android.graphics.Color)	4289209454 (0xFFA8246E)
YUV	83.9040, 12.8653, 73.7522
Hunter-Lab	32.7298, 49.5881, -5.6880

Details

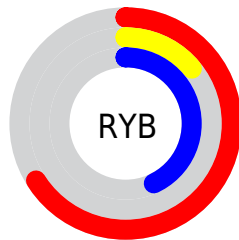
The Yxy color **10.7124, 0.4251, 0.2324** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **29.1907, 0.2733, 0.4763**, and the grayscale version is **8.8095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1239, 0.3967, 0.2544**, and **3.7273, 0.4630, 0.2324** is the 20% darker color. If you saturate the color by 10%, you get **9.7696, 0.4457, 0.2314**, and if you desaturate by 10%, it is **12.1468, 0.4049, 0.2382**.

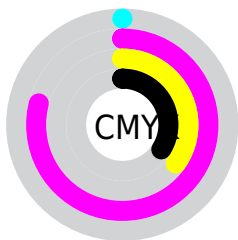
Distribution



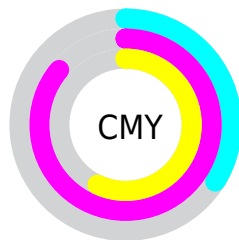
- Red (66%)
- Green (14%)
- Blue (43%)



- Red (66%)
- Yellow (14%)
- Blue (43%)



- Cyan (0%)
- Magenta (79%)
- Yellow (35%)
- Black (34%)



- Cyan (34%)
- Magenta (86%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7124, 0.4251, 0.2324 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 10.7124, 0.4251, 0.2324 by changing the saturation by 10% instead.


 10.7124, 0.4251,
0.2324


 10.7124, 0.4251,
0.2324


195.6837, 0.3577,
0.2886


 5.8738, 0.4471,
0.2151


 27.1271, 0.3972,
0.2550


 2.7685, 0.4794,
0.1907

 39.4720, 0.3878,
0.2628


 1.0121, 0.5308,
0.1543

 55.0878, 0.3803,
0.2692

 0.0000, 0.7036,
0.0000

 74.3588, 0.3741,
0.2744

 0.0000, 1.0000,
0.0000

 97.6695, 0.3690,
0.2788

 0.0000, 0.0000,
0.0000

 125.4043, 0.3647,

0.2825

157.9476, 0.3609,
0.2857

■ 10.7124, 0.4251,
0.2324

■ 10.7124, 0.4251,
0.2324

■ 9.7696, 0.4457,
0.2314

■ 12.1468, 0.4049,
0.2382

■ 9.2081, 0.4661,
0.2351

■ 14.1306, 0.3858,
0.2478

■ 9.1370, 0.4691,
0.2358

■ 16.7152, 0.3686,
0.2601

■ 19.9456, 0.3533,
0.2740

■ 23.8626, 0.3402,
0.2886

■ 28.5035, 0.3290,
0.3032

■ 33.9029, 0.3196,
0.3174

■ 40.0931, 0.3117,
0.3309

■ 47.1047, 0.3051,
0.3435

Harmonies

Analogous

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



10.7124, 0.2876, 0.1796



10.7124, 0.4251, 0.2324



10.7124, 0.5375, 0.3021

Triad

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



10.7124, 0.4251, 0.2324



10.7124, 0.4026, 0.5533



10.7124, 0.1119, 0.1977

Complementary

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



10.7124, 0.4251, 0.2324



29.1907, 0.2733, 0.4763

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.



10.7124, 0.1274, 0.2965



10.7124, 0.4251, 0.2324



10.7124, 0.2896, 0.5733

Square

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



10.7124, 0.4251, 0.2324



10.7124, 0.5035, 0.4676



10.7124, 0.1878, 0.4569



10.7124, 0.1309, 0.1568

Rectangle

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



10.7124, 0.4251, 0.2324



10.7124, 0.5639, 0.3527



10.7124, 0.1878, 0.4569



10.7124, 0.1129, 0.2229

Sweetspot

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



10.7130, 0.4251, 0.2324



46.6160, 0.3353, 0.2947



6.4267, 0.2173, 0.1141



9.5589, 0.3393, 0.2897



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.7130, 0.4251, 0.2324



16.9762, 0.4602, 0.2340



9.7751, 0.5662, 0.3209



7.6101, 0.3202, 0.3164



6.9098, 0.4672, 0.2347



0.1781, 0.4072, 0.2017

Inverse Universe

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



10.7130, 0.4251, 0.2324



16.9762, 0.4602, 0.2340



30.8929, 0.2343, 0.3446



7.6101, 0.3202, 0.3164



6.9098, 0.4672, 0.2347



0.1781, 0.4072, 0.2017

Previews

White Background



This preview shows how the Yxy color 10.7124, 0.4251, 0.2324 looks on a white 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

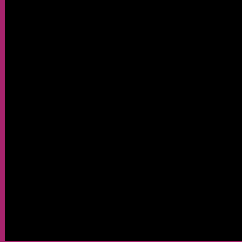
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7124, 0.4251, 0.2324

Background



This preview shows how black text looks on a background with the Yxy color 10.7124, 0.4251, 0.2324.



This preview shows how white text looks on a background with the Yxy color 10.7124, 0.4251, 0.2324.

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

10.7124, 0.4251, 0.2324

Protanopia

10.9980, 0.2249, 0.2104

Deuteranopia

11.0581, 0.3062, 0.3016



Tritanopia

10.7242, 0.5254, 0.3258

Trichromacy



Original Color

10.7124, 0.4251, 0.2324

Protanomaly

9.3535, 0.2763, 0.2048

Deuteranomaly

9.7580, 0.3462, 0.2594

Tritanomaly

10.5542, 0.4910, 0.2905

Monochromacy



Original Color

10.7124, 0.4251, 0.2324

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.4495, 0.3576, 0.2734

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7124, 0.4251, 0.2324 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(168, 36, 110)` looks like.

```
.text, #text, p{  
    color:rgb(168, 36, 110)  
}
```

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(168, 36, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 36, 110) }
```

Border

The CSS property to change the border of an element to Yxy 10.7124, 0.4251, 0.2324 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(168, 36, 110) }
```

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

```
.border{ border-color:rgb(168, 36, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 36, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 36, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 36, 110);  
box-shadow:4px 4px 4px 4px rgb(168, 36,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7124, 0.4251, 0.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 36, 110) }
```

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

```
.background{ background-color: rgb(168, 36,  
110) }
```

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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