

Converting Colors

$Y_{xy}(12.1018, 0.3679, 0.2698)$

Have a look what the booklet for
Yxy(12.1018, 0.3679, 0.2698)
contains.

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Color

Yxy(12.0963, 0.3675, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	8D4D6E
RGB	141, 77, 110
RGB Percent	55%, 30%, 43%
CMY	0.4471, 0.6980, 0.5686
CMYK	0.00, 0.45, 0.22, 0.45
HSL	329°, 29%, 43%
HSV	329°, 45%, 55%
XYZ	16.4522, 12.0963, 16.2194
YIQ	99.8980, 27.5510, 23.8310

Conversions

Conversions Part 2

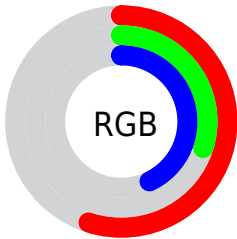
Format	Color
R_{YB}	141, 77, 110
Decimal	9260398
CIE _{Lab}	41.37, 31.37, -7.11
CIE _{LCh}	41, 32.170, 347.234
Yxy	12.0963, 0.3675, 0.2702
Android (android.graphics.Color)	4287450478 (0xFF8D4D6E)
YUV	99.8980, 4.9803, 36.0465
Hunter-Lab	34.7797, 23.5732, -3.3039

Details

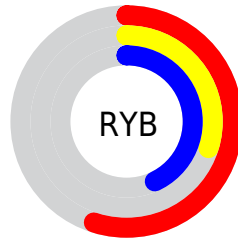
The Yxy color **12.0963, 0.3675, 0.2702** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.7092, 0.2802, 0.3978**, and the grayscale version is **12.6990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.7827, 0.3532, 0.2843**, and **3.3504, 0.3963, 0.2446** is the 20% darker color. If you saturate the color by 10%, you get **10.1898, 0.3857, 0.2583**, and if you desaturate by 10%, it is **14.4431, 0.3517, 0.2832**.

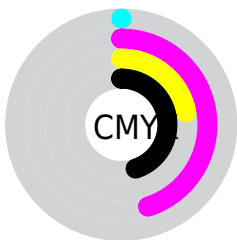
Distribution



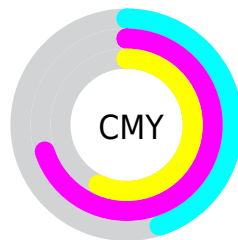
- Red (55%)
- Green (30%)
- Blue (43%)



- Red (55%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (45%)
- Yellow (22%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (57%)
- Black (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.0963, 0.3675, 0.2702 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 12.0963, 0.3675, 0.2702 by changing the saturation by 10% instead.


 12.0963, 0.3675,
0.2702


 12.0963, 0.3675,
0.2702


205.0418, 0.3348,
0.3048

 6.8093, 0.3783,
0.2592


 29.6704, 0.3539,
0.2843


 3.3431, 0.3943,
0.2432

 42.7262, 0.3494,
0.2891


 1.3134, 0.4204,
0.2180

 59.1405, 0.3457,
0.2930

 0.1515, 0.5285,
0.0878

 79.2976, 0.3427,
0.2962

 0.0000, 0.0000,
0.0000

 103.5818, 0.3402,
0.2989

132.3777, 0.3381,

0.3011

166.0696, 0.3363,
0.3031

■ 12.0963, 0.3675,
0.2702

■ 12.0963, 0.3675,
0.2702

■ 10.1898, 0.3857,
0.2583

■ 14.4431, 0.3517,
0.2832

■ 8.6937, 0.4061,
0.2486

■ 17.2542, 0.3382,
0.2966

■ 7.5772, 0.4282,
0.2421


■ 20.5538, 0.3267,
0.3098


■ 6.8040, 0.4512,
0.2399

■ 24.3639, 0.3172,
0.3225


■ 6.3234, 0.4741,
0.2427

■ 28.7053, 0.3092,
0.3344

 6.1394, 0.4849,
0.2445

 33.5975, 0.3026,
0.3456

 39.0590, 0.2971,
0.3559

 45.1076, 0.2925,
0.3654

 51.7601, 0.2887,
0.3741

Harmonies

Analogous

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



12.0963, 0.2954, 0.2364



12.0963, 0.3675, 0.2702



12.0963, 0.4282, 0.3171

Triad

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



12.0963, 0.3675, 0.2702



12.0963, 0.3837, 0.4542



12.0963, 0.1900, 0.2639

Complementary

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



12.0963, 0.3675, 0.2702



21.7092, 0.2802, 0.3978

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.



12.0963, 0.2077, 0.3254



12.0963, 0.3675, 0.2702



12.0963, 0.3170, 0.4508

Square

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



12.0963, 0.3675, 0.2702



12.0963, 0.4345, 0.4199



12.0963, 0.2527, 0.3995



12.0963, 0.1998, 0.2294

Rectangle

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



12.0963, 0.3675, 0.2702



12.0963, 0.4495, 0.3519



12.0963, 0.2527, 0.3995



12.0963, 0.1928, 0.2816

Sweetspot

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



12.0969, 0.3675, 0.2702



37.5052, 0.3256, 0.3112



10.4158, 0.2698, 0.2061



8.1046, 0.3276, 0.3087



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



12.0969, 0.3675, 0.2702



18.3182, 0.3852, 0.2586



11.5222, 0.4267, 0.3274



5.4676, 0.3206, 0.3177



5.6016, 0.4841, 0.2441



0.0580, 0.3997, 0.1975

Inverse Universe

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



12.0969, 0.3675, 0.2702



18.3182, 0.3852, 0.2586



22.5178, 0.2544, 0.3309



5.4676, 0.3206, 0.3177



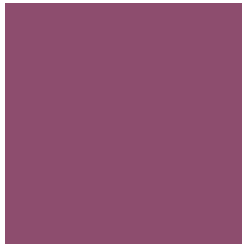
5.6016, 0.4841, 0.2441



0.0580, 0.3997, 0.1975

Previews

White Background



This preview shows how the Yxy color 12.0963, 0.3675, 0.2702 looks on a white background.

Color Contrast Check

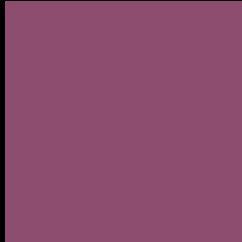
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 12.0963, 0.3675, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

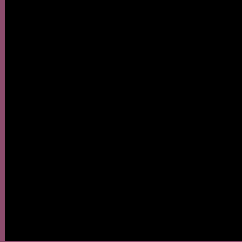
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.0963, 0.3675, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 12.0963, 0.3675, 0.2702.



This preview shows how white text looks on a background with the Yxy color 12.0963, 0.3675, 0.2702.

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

12.0963, 0.3675, 0.2702

Protanopia

12.2548, 0.2727, 0.2725

Deuteranopia

12.1890, 0.3094, 0.3028



Tritanopia

12.0619, 0.4039, 0.3182

Trichromacy



Original Color

12.0963, 0.3675, 0.2702

Protanomaly

11.9353, 0.3033, 0.2711

Deuteranomaly

11.8441, 0.3290, 0.2879

Tritanomaly

12.1390, 0.3915, 0.3018

Monochromacy



Original Color

12.0963, 0.3675, 0.2702

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.2986, 0.3311, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.0963, 0.3675, 0.2702 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(141, 77, 110)` looks like.

```
.text, #text, p{  
    color:rgb(141, 77, 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(141, 77, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 77, 110) }
```

Border

The CSS property to change the border of an element to Yxy 12.0963, 0.3675, 0.2702 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(141, 77, 110) }
```

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

```
.border{ border-color:rgb(141, 77, 110) }
```

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

Here you see how a box with a 4 pixel rgb(141, 77, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 77, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 77, 110);  
box-shadow:4px 4px 4px 4px rgb(141, 77,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 12.0963, 0.3675, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 77, 110) }
```

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

```
.background{ background-color: rgb(141, 77,  
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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