

Converting Colors

$Y_{xy}(11.8702, 0.3975, 0.2795)$

Have a look what the booklet for
Yxy(11.8702, 0.3975, 0.2795)
contains.

Yxy(11.8702, 0.3975, 0.2795)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.8702, 0.3975, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	944865
RGB	148, 72, 101
RGB Percent	58%, 28%, 40%
CMY	0.4196, 0.7177, 0.6039
CMYK	0.00, 0.51, 0.32, 0.42
HSL	337°, 35%, 43%
HSV	337°, 51%, 58%
XYZ	16.8816, 11.8702, 13.7176
YIQ	98.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

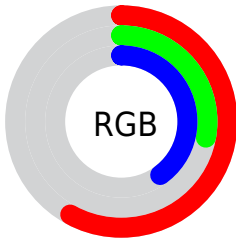
Format	Color
R_{YB}	148, 72, 101
Decimal	9717861
CIE _{Lab}	41.01, 35.33, -1.97
CIE _{LCh}	41, 35.384, 356.808
Yxy	11.8702, 0.3975, 0.2795
Android (android.graphics.Color)	4287907941 (0xFF944865)
YUV	98.0300, 1.4642, 43.8237
Hunter-Lab	34.4532, 27.1696, 0.5107

Details

The Yxy color **11.8702, 0.3975, 0.2795** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.8933, 0.2690, 0.3874**, and the grayscale version is **12.2116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2703, 0.3754, 0.2918**, and **3.2198, 0.4417, 0.2554** is the 20% darker color. If you saturate the color by 10%, you get **10.0127, 0.4239, 0.2719**, and if you desaturate by 10%, it is **14.2096, 0.3745, 0.2887**.

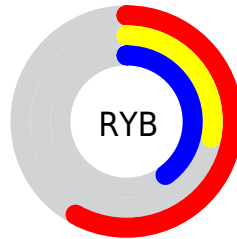
Distribution



Red (58%)

Green (28%)

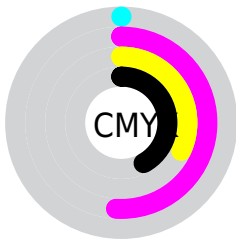
Blue (40%)



Red (58%)

Yellow (28%)

Blue (40%)

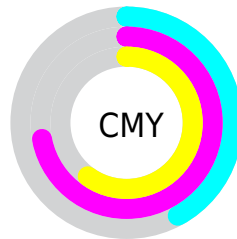


Cyan (0%)

Magenta (51%)

Yellow (32%)

Black (42%)



Cyan (42%)


Magenta (72%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8702, 0.3975, 0.2795 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 11.8702, 0.3975, 0.2795 by changing the saturation by 10% instead.


 11.8702, 0.3975,
0.2795

 11.8702, 0.3975,
0.2795


203.5441, 0.3460,
0.3093


 6.6554, 0.4150,
0.2696


 29.2585, 0.3758,
0.2919


 3.2475, 0.4413,
0.2548

 42.2007, 0.3687,
0.2961

 1.2623, 0.4852,
0.2305

 58.4875, 0.3630,
0.2994

 0.1117, 0.7243,
0.0830

 78.5033, 0.3583,
0.3021

 0.0000, 0.0000,
0.0000

 102.6324, 0.3544,
0.3044

131.2594, 0.3512,

0.3063

164.7684, 0.3484,
0.3079

■ 11.8702, 0.3975,
0.2795

■ 11.8702, 0.3975,
0.2795

■ 10.0127, 0.4239,
0.2719

■ 14.2096, 0.3745,
0.2887

■ 8.6010, 0.4533,
0.2669

■ 17.0600, 0.3550,
0.2987

■ 7.5969, 0.4844,
0.2658

■ 20.4503, 0.3387,
0.3088

■ 6.9545, 0.5152,
0.2695

■ 24.4068, 0.3252,
0.3185

■ 6.5878, 0.5409,
0.2753

■ 28.9539, 0.3141,
0.3278

■ 34.1147, 0.3049,
0.3364

■ 39.9110, 0.2974,
0.3444

■ 46.3635, 0.2911,
0.3517

■ 53.4920, 0.2860,
0.3584

Harmonies

Analogous

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



11.8702, 0.3180, 0.2378



11.8702, 0.3975, 0.2795



11.8702, 0.4544, 0.3327

Triad

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



11.8702, 0.3975, 0.2795



11.8702, 0.3670, 0.4723



11.8702, 0.1794, 0.2414

Complementary

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



11.8702, 0.3975, 0.2795



23.8933, 0.2690, 0.3874

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.



11.8702, 0.1884, 0.2995



11.8702, 0.3975, 0.2795



11.8702, 0.2926, 0.4524

Square

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



11.8702, 0.3975, 0.2795



11.8702, 0.4308, 0.4425



11.8702, 0.2276, 0.3815



11.8702, 0.1990, 0.2144

Rectangle

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



11.8702, 0.3975, 0.2795



11.8702, 0.4672, 0.3708



11.8702, 0.2276, 0.3815



11.8702, 0.1791, 0.2573

Sweetspot

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



11.8708, 0.3975, 0.2795



40.1852, 0.3302, 0.3147



10.6851, 0.2762, 0.1935



8.8679, 0.3328, 0.3129



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



11.8708, 0.3975, 0.2795



17.1380, 0.4292, 0.2707



12.6292, 0.4452, 0.3446



5.8498, 0.3226, 0.3206



5.6309, 0.5393, 0.2745



0.0744, 0.4361, 0.2176

Inverse Universe

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



11.8708, 0.3975, 0.2795



17.1380, 0.4292, 0.2707



22.0232, 0.2444, 0.3117



5.8498, 0.3226, 0.3206



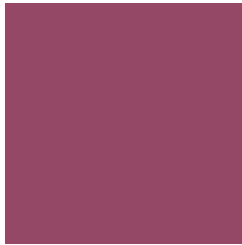
5.6309, 0.5393, 0.2745



0.0744, 0.4361, 0.2176

Previews

White Background



This preview shows how the Yxy color 11.8702, 0.3975, 0.2795 looks on a white background.

Color Contrast Check

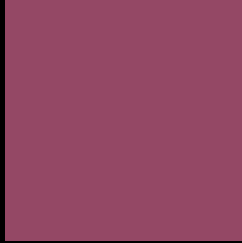
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8702, 0.3975, 0.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

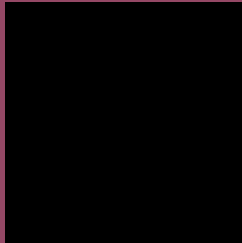
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8702, 0.3975, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 11.8702, 0.3975, 0.2795.



This preview shows how white text looks on a background with the Yxy color 11.8702, 0.3975, 0.2795.

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

11.8702, 0.3975, 0.2795

Protanopia

11.9539, 0.2821, 0.2846

Deuteranopia

11.9943, 0.3286, 0.3224



Tritanopia

11.8740, 0.4300, 0.3206

Trichromacy



Original Color

11.8702, 0.3975, 0.2795

Protanomaly

11.4748, 0.3182, 0.2790

Deuteranomaly

11.6750, 0.3538, 0.3046

Tritanomaly

11.9398, 0.4190, 0.3067

Monochromacy



Original Color

11.8702, 0.3975, 0.2795

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.7586, 0.3413, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8702, 0.3975, 0.2795 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(148, 72, 101)` looks like.

```
.text, #text, p{  
  color:rgb(148, 72, 101)  
}
```

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(148, 72, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 72, 101) }
```

Border

The CSS property to change the border of an element to Yxy 11.8702, 0.3975, 0.2795 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(148, 72, 101) }
```

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

```
.border{ border-color:rgb(148, 72, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 72, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 72, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 72, 101);  
box-shadow:4px 4px 4px 4px rgb(148, 72,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8702, 0.3975, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 72, 101) }
```

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

```
.background{ background-color: rgb(148, 72,  
101) }
```

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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