

Converting Colors

$Y_{xy}(16.2423, 0.3514, 0.2781)$

Have a look what the booklet for
Yxy(16.2423, 0.3514, 0.2781)
contains.

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Color

Yxy(16.2701, 0.3514, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	975F7E
RGB	151, 95, 126
RGB Percent	59%, 37%, 49%
CMY	0.4079, 0.6274, 0.5060
CMYK	0.00, 0.37, 0.17, 0.41
HSL	327°, 23%, 48%
HSV	327°, 37%, 59%
XYZ	20.6178, 16.2701, 21.7854
YIQ	115.2780, 23.4250, 21.5130

Conversions

Conversions Part 2

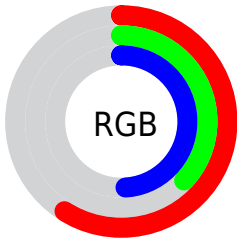
Format	Color
R_{YB}	151, 95, 126
Decimal	9920382
CIE _{Lab}	47.33, 27.47, -7.79
CIE _{LCh}	47, 28.550, 344.161
Yxy	16.2701, 0.3514, 0.2773
Android (android.graphics.Color)	4288110462 (0xFF975F7E)
YUV	115.2780, 5.2859, 31.3282
Hunter-Lab	40.3362, 20.6516, -3.7869

Details

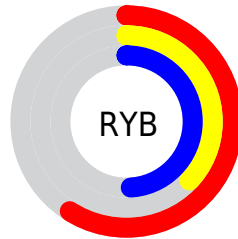
The Yxy color **16.2701, 0.3514, 0.2773** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.9195, 0.2868, 0.3876**, and the grayscale version is **17.2118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9343, 0.3420, 0.2879**, and **5.2215, 0.3685, 0.2565** is the 20% darker color. If you saturate the color by 10%, you get **13.6405, 0.3664, 0.2635**, and if you desaturate by 10%, it is **19.4402, 0.3385, 0.2916**.

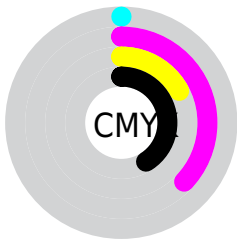
Distribution



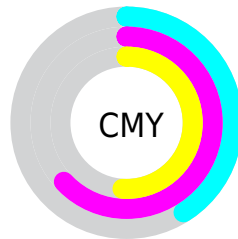
- Red (59%)
- Green (37%)
- Blue (49%)



- Red (59%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (41%)





- Cyan (41%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.2701, 0.3514, 0.2773 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 16.2701, 0.3514, 0.2773 by changing the saturation by 10% instead.


 16.2701, 0.3514,
0.2773

 16.2701, 0.3514,
0.2773


230.9303, 0.3292,
0.3066

 9.7155, 0.3582,
0.2686


 37.0665, 0.3425,
0.2889


 5.2107, 0.3677,
0.2564


 52.0770, 0.3395,
0.2930

 2.3714, 0.3824,
0.2380

 70.6750, 0.3370,
0.2963

 0.8111, 0.4077,
0.2073

 93.2448, 0.3349,
0.2990

 0.0000, 0.6362,
0.0000

120.1709, 0.3331,
0.3013

 0.0000, 0.0000,
0.0000

151.8375, 0.3317,

0.3033

188.6292, 0.3304,
0.3051

■ 16.2701, 0.3514,
0.2773

■ 16.2701, 0.3514,
0.2773

■ 13.6405, 0.3664,
0.2635

■ 19.4402, 0.3385,
0.2916

■ 11.5184, 0.3834,
0.2511

■ 23.1768, 0.3275,
0.3059

■ 9.8705, 0.4024,
0.2410


■ 27.5071, 0.3183,
0.3197

■ 8.6587, 0.4227,
0.2346


■ 32.4558, 0.3106,
0.3327


■ 7.8388, 0.4436,
0.2327

■ 38.0461, 0.3042,
0.3449

 7.3380, 0.4643,
0.2355

 44.3002, 0.2988,
0.3563

 7.2109, 0.4705,
0.2366

 51.2390, 0.2944,
0.3667

 58.8825, 0.2907,
0.3762

 67.2502, 0.2877,
0.3850

Harmonies

Analogous

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



16.2701, 0.2936, 0.2502



16.2701, 0.3514, 0.2773



16.2701, 0.4015, 0.3162

Triad

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



16.2701, 0.3514, 0.2773



16.2701, 0.3770, 0.4288



16.2701, 0.2118, 0.2816

Complementary

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



16.2701, 0.3514, 0.2773



25.9195, 0.2868, 0.3876

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.



16.2701, 0.2298, 0.3332



16.2701, 0.3514, 0.2773



16.2701, 0.3235, 0.4271

Square

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



16.2701, 0.3514, 0.2773



16.2701, 0.4152, 0.4015



16.2701, 0.2697, 0.3901



16.2701, 0.2175, 0.2496

Rectangle

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



16.2701, 0.3514, 0.2773



16.2701, 0.4211, 0.3454



16.2701, 0.2697, 0.3901



16.2701, 0.2152, 0.2970

Sweetspot

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



16.2709, 0.3514, 0.2773



45.9211, 0.3219, 0.3140



14.3619, 0.2758, 0.2286



10.2195, 0.3231, 0.3123



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



16.2709, 0.3514, 0.2773



25.3852, 0.3629, 0.2664



15.6610, 0.3936, 0.3228



6.2770, 0.3202, 0.3168



6.1414, 0.4693, 0.2359



0.0991, 0.3931, 0.1939

Inverse Universe

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



16.2709, 0.3514, 0.2773



25.3852, 0.3629, 0.2664



26.6776, 0.2651, 0.3356



6.2770, 0.3202, 0.3168



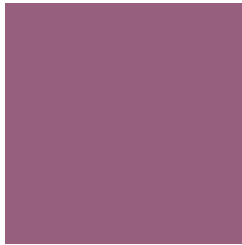
6.1414, 0.4693, 0.2359



0.0991, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 16.2701, 0.3514, 0.2773 looks on a white background.

Color Contrast Check

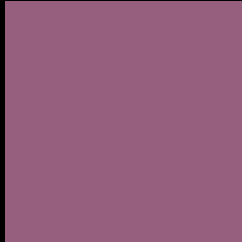
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2701, 0.3514, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

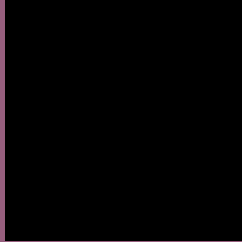
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 16.2701, 0.3514, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 16.2701, 0.3514, 0.2773.



This preview shows how white text looks on a background with the Yxy color 16.2701, 0.3514, 0.2773.

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

16.2701, 0.3514, 0.2773

Protanopia

16.5203, 0.2780, 0.2805

Deuteranopia

16.5039, 0.3086, 0.3039



Tritanopia

16.3538, 0.3772, 0.3171

Trichromacy



Original Color

16.2701, 0.3514, 0.2773

Protanomaly

16.2125, 0.3018, 0.2787

Deuteranomaly

16.3837, 0.3240, 0.2941

Tritanomaly

16.4116, 0.3685, 0.3035

Monochromacy



Original Color

16.2701, 0.3514, 0.2773

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.6462, 0.3259, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2701, 0.3514, 0.2773 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(151, 95, 126)` looks like.

```
.text, #text, p{  
    color:rgb(151, 95, 126)  
}
```

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(151, 95, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 95, 126) }
```

Border

The CSS property to change the border of an element to Yxy 16.2701, 0.3514, 0.2773 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(151, 95, 126) }
```

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

```
.border{ border-color:rgb(151, 95, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 95, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 95, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 95, 126);  
box-shadow:4px 4px 4px 4px rgb(151, 95,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 16.2701, 0.3514, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 95, 126) }
```

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

```
.background{ background-color: rgb(151, 95,  
126) }
```

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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