

Converting Colors

$Y_{xy}(14.0114, 0.3239, 0.2777)$

Have a look what the booklet for
Yxy(14.0114, 0.3239, 0.2777)
contains.

Yxy(13.9226, 0.3226, 0.2761)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.9226, 0.3226, 0.2761)

Conversions

Conversions Part 1

Format	Color
Hex	7F5E7A
RGB	127, 94, 122
RGB Percent	50%, 37%, 48%
CMY	0.5019, 0.6314, 0.5216
CMYK	0.00, 0.26, 0.04, 0.50
HSL	309°, 15%, 43%
HSV	309°, 26%, 50%
XYZ	16.2674, 13.9226, 20.2359
YIQ	107.0590, 10.6800, 15.7040

Conversions

Conversions Part 2

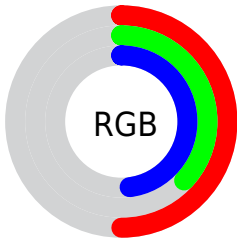
Format	Color
R_{YB}	127, 94, 122
Decimal	8347258
CIE Lab	44.12, 18.46, -10.48
CIE LCh	44, 21.227, 330.426
Yxy	13.9226, 0.3226, 0.2761
Android (android.graphics.Color)	4286537338 (0xFF7F5E7A)
YUV	107.0590, 7.3659, 17.4883
Hunter-Lab	37.3130, 12.5232, -6.0356

Details

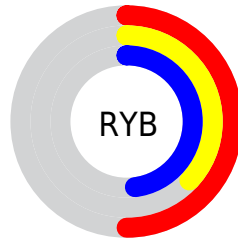
The Yxy color **13.9226, 0.3226, 0.2761** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.4612, 0.3042, 0.3884**, and the grayscale version is **14.6974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0101, 0.3207, 0.2893**, and **4.0919, 0.3262, 0.2528** is the 20% darker color. If you saturate the color by 10%, you get **11.7997, 0.3272, 0.2555**, and if you desaturate by 10%, it is **16.4194, 0.3184, 0.2968**.

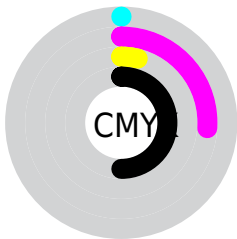
Distribution



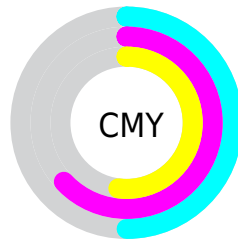
- Red (50%)
- Green (37%)
- Blue (48%)



- Red (50%)
- Yellow (37%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (50%)




- Cyan (50%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9226, 0.3226, 0.2761 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 13.9226, 0.3226, 0.2761 by changing the saturation by 10% instead.


 13.9226, 0.3226,
0.2761


 13.9226, 0.3226,
0.2761

216.7488, 0.3172,
0.3067


 8.0669, 0.3241,
0.2666


 32.9516, 0.3205,
0.2884


 4.1378, 0.3261,
0.2531

 46.8937, 0.3198,
0.2927

 1.7509, 0.3289,
0.2322

 64.3000, 0.3191,
0.2961

 0.4563, 0.3410,
0.1758

 85.5549, 0.3186,
0.2990

 0.0000, 0.0000,
0.0000

111.0429, 0.3182,
0.3014

141.1482, 0.3178,

0.3034

176.2554, 0.3175,
0.3052

■ 13.9226, 0.3226,
0.2761

■ 13.9226, 0.3226,
0.2761

■ 11.7997, 0.3272,
0.2555

■ 16.4194, 0.3184,
0.2968

■ 10.0307, 0.3323,
0.2358

■ 19.3051, 0.3147,
0.3172

■ 8.5965, 0.3377,
0.2179

■ 22.5963, 0.3115,
0.3367

■ 7.4754, 0.3433,
0.2025

■ 26.3080, 0.3087,
0.3552

■ 6.6434, 0.3490,
0.1905

■ 30.4544, 0.3062,
0.3725

■ 6.0727, 0.3546,
0.1824

■ 35.0491, 0.3042,
0.3885

■ 5.7154, 0.3599,
0.1783

■ 40.1050, 0.3024,
0.4033

■ 5.5881, 0.3621,
0.1768

■ 45.6346, 0.3009,
0.4168

■ 51.6499, 0.2997,
0.4291

Harmonies

Analogous

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



13.9226, 0.2791, 0.2599



13.9226, 0.3226, 0.2761



13.9226, 0.3661, 0.3042

Triad

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



13.9226, 0.3226, 0.2761



13.9226, 0.3801, 0.4006



13.9226, 0.2364, 0.3099

Complementary

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



13.9226, 0.3226, 0.2761



18.4612, 0.3042, 0.3884

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.



13.9226, 0.2600, 0.3534



13.9226, 0.3226, 0.2761



13.9226, 0.3424, 0.4090

Square

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



13.9226, 0.3226, 0.2761



13.9226, 0.4002, 0.3738



13.9226, 0.2983, 0.3918



13.9226, 0.2320, 0.2762

Rectangle

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



13.9226, 0.3226, 0.2761



13.9226, 0.3880, 0.3270



13.9226, 0.2983, 0.3918



13.9226, 0.2423, 0.3239

Sweetspot

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



13.9232, 0.3226, 0.2761



33.3665, 0.3155, 0.3128



12.1887, 0.2766, 0.2598



7.6467, 0.3160, 0.3101



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



13.9232, 0.3226, 0.2761



22.6639, 0.3252, 0.2642



13.5499, 0.3469, 0.3065



4.4015, 0.3158, 0.3109



5.6352, 0.3621, 0.1768



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9232, 0.3226, 0.2761



22.6639, 0.3252, 0.2642



18.8081, 0.2875, 0.3528



4.4015, 0.3158, 0.3109



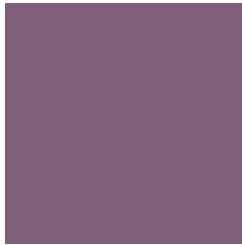
5.6352, 0.3621, 0.1768



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.9226, 0.3226, 0.2761 looks on a white background.

Color Contrast Check

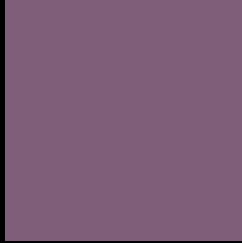
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9226, 0.3226, 0.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

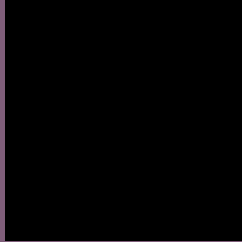
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9226, 0.3226, 0.2761

Background



This preview shows how black text looks on a background with the Yxy color 13.9226, 0.3226, 0.2761.



This preview shows how white text looks on a background with the Yxy color 13.9226, 0.3226, 0.2761.

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

13.9226, 0.3226, 0.2761

Protanopia

14.1118, 0.2770, 0.2794

Deuteranopia

13.9846, 0.2965, 0.2919



Tritanopia

13.9293, 0.3437, 0.3133

Trichromacy



Original Color

13.9226, 0.3226, 0.2761

Protanomaly

13.8719, 0.2917, 0.2766

Deuteranomaly

13.8816, 0.3049, 0.2849

Tritanomaly

13.9491, 0.3366, 0.2999

Monochromacy



Original Color

13.9226, 0.3226, 0.2761

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.2500, 0.3165, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9226, 0.3226, 0.2761 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(127, 94, 122)` looks like.

```
.text, #text, p{  
    color:rgb(127, 94, 122)  
}
```

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(127, 94, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 94, 122) }
```

Border

The CSS property to change the border of an element to Yxy 13.9226, 0.3226, 0.2761 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(127, 94, 122) }
```

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

```
.border{ border-color:rgb(127, 94, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 94, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 94, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 94, 122);  
box-shadow:4px 4px 4px 4px rgb(127, 94,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9226, 0.3226, 0.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 94, 122) }
```

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

```
.background{ background-color: rgb(127, 94,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor