

Converting Colors

$Y_{xy}(14.5417, 0.2940, 0.2340)$

Have a look what the booklet for
Yxy(14.5417, 0.2940, 0.2340)
contains.

Yxy(14.5067, 0.2940, 0.2331)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.5067, 0.2940, 0.2331)

Conversions

Conversions Part 1

Format	Color
Hex	825C93
RGB	130, 92, 147
RGB Percent	51%, 36%, 58%
CMY	0.4902, 0.6392, 0.4236
CMYK	0.12, 0.37, 0.00, 0.42
HSL	281°, 23%, 47%
HSV	281°, 37%, 58%
XYZ	18.2967, 14.5067, 29.4304
YIQ	109.6320, 4.9930, 25.1610

Conversions

Conversions Part 2

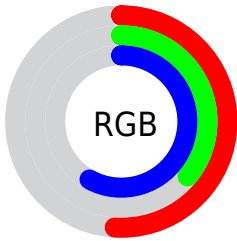
Format	Color
R _{YB}	130, 92, 147
Decimal	8543379
CIE Lab	44.95, 25.98, -24.22
CIE LCh	45, 35.523, 317.003
Yxy	14.5067, 0.2940, 0.2331
Android (android.graphics.Color)	4286733459 (0xFF825C93)
YUV	109.6320, 18.4224, 17.8627
Hunter-Lab	38.0877, 19.0953, -19.1521

Details

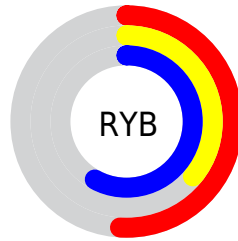
The Yxy color **14.5067, 0.2940, 0.2331** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.8850, 0.3247, 0.4328**, and the grayscale version is **15.4277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0523, 0.2997, 0.2543**, and **4.3836, 0.2821, 0.1971** is the 20% darker color. If you saturate the color by 10%, you get **11.8514, 0.2872, 0.2067**, and if you desaturate by 10%, it is **17.6731, 0.3001, 0.2599**.

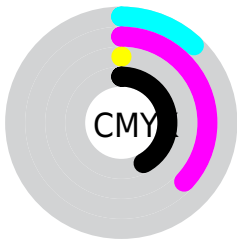
Distribution



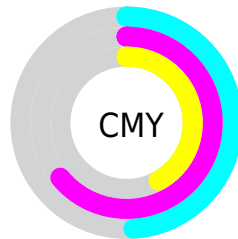
- Red (51%)
- Green (36%)
- Blue (58%)



- Red (51%)
- Yellow (36%)
- Blue (58%)



- Cyan (12%)
- Magenta (37%)
- Yellow (0%)
- Black (42%)




- Cyan (49%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5067, 0.2940, 0.2331 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 14.5067, 0.2940, 0.2331 by changing the saturation by 10% instead.


 14.5067, 0.2940,
0.2331

 14.5067, 0.2940,
0.2331

220.3607, 0.3062,
0.2865


 8.4739, 0.2896,
0.2179


 33.9854, 0.2993,
0.2539

 4.3997, 0.2829,
0.1971


 48.2002, 0.3010,
0.2613

 1.8995, 0.2716,
0.1676

 65.9110, 0.3024,
0.2673

 0.5481, 0.2525,
0.1158

 87.5024, 0.3034,
0.2724

 0.0000, 0.0863,
0.0000

113.3586, 0.3043,
0.2767

 0.0000, 0.0000,
0.0000

143.8641, 0.3051,

0.2804

179.4034, 0.3057,
0.2836

■ 14.5067, 0.2940,
0.2331

■ 14.5067, 0.2940,
0.2331

■ 11.8514, 0.2872,
0.2067

■ 17.6731, 0.3001,
0.2599

■ 9.6766, 0.2797,
0.1817

■ 21.3755, 0.3054,
0.2861

■ 7.9509, 0.2717,
0.1592


■ 25.6390, 0.3099,
0.3113


■ 6.6387, 0.2635,
0.1403


■ 30.4869, 0.3136,
0.3350


■ 5.6985, 0.2554,
0.1256

■ 35.9410, 0.3167,
0.3570

 5.0567, 0.2475,
0.1151

 42.0219, 0.3193,
0.3771

 4.9044, 0.2454,
0.1125

 48.7495, 0.3213,
0.3954

 56.1424, 0.3230,
0.4120

 64.2188, 0.3242,
0.4270

Harmonies

Analogous

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



14.5067, 0.2326, 0.2178



14.5067, 0.2940, 0.2331



14.5067, 0.3690, 0.2678

Triad

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



14.5067, 0.2940, 0.2331



14.5067, 0.4391, 0.4223



14.5067, 0.2042, 0.3255

Complementary

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



14.5067, 0.2940, 0.2331



24.8850, 0.3247, 0.4328

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.



14.5067, 0.2508, 0.4031



14.5067, 0.2940, 0.2331



14.5067, 0.3864, 0.4588

Square

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



14.5067, 0.2940, 0.2331



14.5067, 0.4582, 0.3700



14.5067, 0.3173, 0.4563



14.5067, 0.1860, 0.2615

Rectangle

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



14.5067, 0.2940, 0.2331



14.5067, 0.4144, 0.2988



14.5067, 0.3173, 0.4563



14.5067, 0.2168, 0.3514

Sweetspot

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



14.5073, 0.2940, 0.2331



42.8847, 0.3082, 0.3018



15.4086, 0.2517, 0.2552



9.5765, 0.3077, 0.2988



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.



14.5073, 0.2940, 0.2331



21.8758, 0.2882, 0.2105



15.6608, 0.3306, 0.2542



5.8202, 0.3091, 0.3069



4.2666, 0.2458, 0.1128



0.0678, 0.2824, 0.1329

Inverse Universe

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



14.9617, 0.3727, 0.2995



22.9104, 0.3933, 0.2928



24.0977, 0.2990, 0.4178



5.8432, 0.3237, 0.3222



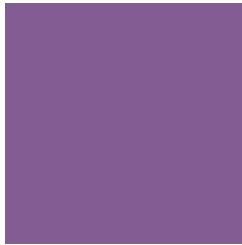
5.5489, 0.5671, 0.2897



0.0727, 0.4607, 0.2312

Previews

White Background



This preview shows how the Yxy color 14.5067, 0.2940, 0.2331 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 14.5067, 0.2940, 0.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

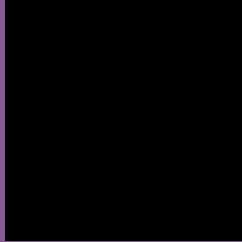
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5067, 0.2940, 0.2331

Background



This preview shows how black text looks on a background with the Yxy color 14.5067, 0.2940, 0.2331.



This preview shows how white text looks on a background with the Yxy color 14.5067, 0.2940, 0.2331.

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

14.5067, 0.2940, 0.2331

Protanopia

14.6613, 0.2390, 0.2296

Deuteranopia

14.6036, 0.2574, 0.2521



Tritanopia

14.4821, 0.3370, 0.3133

Trichromacy



Original Color

14.5067, 0.2940, 0.2331

Protanomaly

14.3573, 0.2565, 0.2299

Deuteranomaly

14.3468, 0.2690, 0.2435

Tritanomaly

14.3901, 0.3207, 0.2816

Monochromacy



Original Color

14.5067, 0.2940, 0.2331

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.9125, 0.3063, 0.2898

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5067, 0.2940, 0.2331 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(130, 92, 147)` looks like.

```
.text, #text, p{  
    color:rgb(130, 92, 147)  
}
```

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(130, 92, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 92, 147) }
```

Border

The CSS property to change the border of an element to Yxy 14.5067, 0.2940, 0.2331 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(130, 92, 147) }
```

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

```
.border{ border-color:rgb(130, 92, 147) }
```

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

Here you see how a box with a 4 pixel rgb(130, 92, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 92, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 92, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 92,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5067, 0.2940, 0.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 92, 147) }
```

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

```
.background{ background-color: rgb(130, 92,  
147) }
```

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