

Converting Colors

$Y_{xy}(14.1400, 0.2928, 0.2255)$

Have a look what the booklet for
Yxy(14.1400, 0.2928, 0.2255)
contains.

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Color

Yxy(14.1400, 0.2928, 0.2255)

Conversions

Conversions Part 1

Format	Color
Hex	835995
RGB	131, 89, 149
RGB Percent	51%, 35%, 58%
CMY	0.4862, 0.6510, 0.4156
CMYK	0.12, 0.40, 0.00, 0.42
HSL	282°, 25%, 47%
HSV	282°, 40%, 58%
XYZ	18.3601, 14.1400, 30.2050
YIQ	108.3980, 5.7720, 27.5640

Conversions

Conversions Part 2

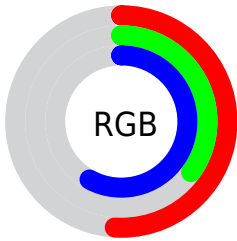
Format	Color
R_{YB}	131, 89, 149
Decimal	8608149
CIE _{Lab}	44.43, 28.55, -26.24
CIE _{LCh}	44, 38.776, 317.408
Yxy	14.1400, 0.2928, 0.2255
Android (android.graphics.Color)	4286798229 (0xFF835995)
YUV	108.3980, 20.0168, 19.8220
Hunter-Lab	37.6032, 21.3484, -21.3029

Details

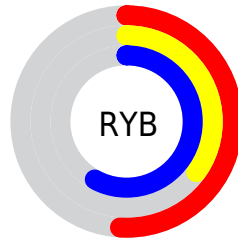
The Yxy color **14.1400, 0.2928, 0.2255** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.3496, 0.3248, 0.4422**, and the grayscale version is **15.0557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3823, 0.2989, 0.2484**, and **4.2432, 0.2803, 0.1876** is the 20% darker color. If you saturate the color by 10%, you get **11.5573, 0.2860, 0.1995**, and if you desaturate by 10%, it is **17.2414, 0.2989, 0.2522**.

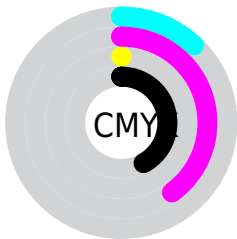
Distribution



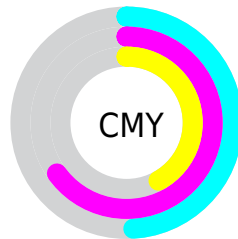
- Red (51%)
- Green (35%)
- Blue (58%)



- Red (51%)
- Yellow (35%)
- Blue (58%)



- Cyan (12%)
- Magenta (40%)
- Yellow (0%)
- Black (42%)




- Cyan (49%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1400, 0.2928, 0.2255 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 14.1400, 0.2928, 0.2255 by changing the saturation by 10% instead.


 14.1400, 0.2928,
0.2255


 14.1400, 0.2928,
0.2255


218.1000, 0.3059,
0.2828


 8.2181, 0.2880,
0.2093


 33.3372, 0.2986,
0.2477


 4.2348, 0.2807,
0.1873


 47.3814, 0.3004,
0.2557


 1.8058, 0.2684,
0.1565

 64.9017, 0.3018,
0.2622

 0.4908, 0.2482,
0.1010

 86.2826, 0.3030,
0.2677

 0.0000, 0.0862,
0.0000

 111.9085, 0.3039,
0.2723

 0.0000, 0.0000,
0.0000

142.1638, 0.3047,

0.2763

177.4328, 0.3054,
0.2798

■ 14.1400, 0.2928,
0.2255

■ 14.1400, 0.2928,
0.2255

■ 11.5573, 0.2860,
0.1995

■ 17.2414, 0.2989,
0.2522

■ 9.4607, 0.2786,
0.1753

■ 20.8878, 0.3042,
0.2786

■ 7.8170, 0.2708,
0.1539


■ 25.1058, 0.3088,
0.3042


■ 6.5875, 0.2628,
0.1363


■ 29.9199, 0.3126,
0.3283

■ 5.7273, 0.2549,
0.1232


■ 35.3529, 0.3158,
0.3509

 5.1324, 0.2474,
0.1137

 41.4266, 0.3184,
0.3716

 48.1616, 0.3205,
0.3905

 55.5776, 0.3221,
0.4076

 63.6935, 0.3234,
0.4230

Harmonies

Analogous

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



14.1400, 0.2260, 0.2087



14.1400, 0.2928, 0.2255



14.1400, 0.3754, 0.2629

Triad

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



14.1400, 0.2928, 0.2255



14.1400, 0.4495, 0.4297



14.1400, 0.1940, 0.3231

Complementary

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



14.1400, 0.2928, 0.2255



25.3496, 0.3248, 0.4422

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.



14.1400, 0.2434, 0.4101



14.1400, 0.2928, 0.2255



14.1400, 0.3909, 0.4715

Square

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



14.1400, 0.2928, 0.2255



14.1400, 0.4722, 0.3725



14.1400, 0.3155, 0.4702



14.1400, 0.1753, 0.2536

Rectangle

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



14.1400, 0.2928, 0.2255



14.1400, 0.4255, 0.2962



14.1400, 0.3155, 0.4702



14.1400, 0.2071, 0.3519

Sweetspot

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



14.1406, 0.2928, 0.2255



43.3823, 0.3079, 0.2993



15.0199, 0.2465, 0.2483



9.4172, 0.3075, 0.2964



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.



14.1406, 0.2928, 0.2255



21.2451, 0.2869, 0.2028



15.3709, 0.3323, 0.2485



5.8227, 0.3092, 0.3069



4.3341, 0.2479, 0.1139



0.0684, 0.2836, 0.1336

Inverse Universe

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



14.5970, 0.3803, 0.2981



22.2834, 0.4028, 0.2917



24.5459, 0.2981, 0.4261



5.8423, 0.3238, 0.3224



5.5400, 0.5703, 0.2915



0.0725, 0.4641, 0.2330

Previews

White Background



This preview shows how the Yxy color 14.1400, 0.2928, 0.2255 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 14.1400, 0.2928, 0.2255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

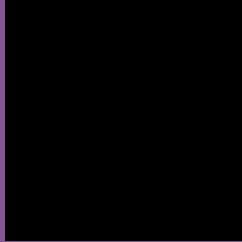
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1400, 0.2928, 0.2255

Background



This preview shows how black text looks on a background with the Yxy color 14.1400, 0.2928, 0.2255.



This preview shows how white text looks on a background with the Yxy color 14.1400, 0.2928, 0.2255.

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

14.1400, 0.2928, 0.2255

Protanopia

14.2050, 0.2316, 0.2189

Deuteranopia

14.2513, 0.2510, 0.2458



Tritanopia

14.1359, 0.3420, 0.3133

Trichromacy



Original Color

14.1400, 0.2928, 0.2255

Protanomaly

13.9945, 0.2502, 0.2197

Deuteranomaly

14.0944, 0.2644, 0.2378

Tritanomaly

14.1016, 0.3224, 0.2780

Monochromacy



Original Color

14.1400, 0.2928, 0.2255

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.4504, 0.3050, 0.2856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1400, 0.2928, 0.2255 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(131, 89, 149)` looks like.

```
.text, #text, p{  
    color:rgb(131, 89, 149)  
}
```

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(131, 89, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 89, 149) }
```

Border

The CSS property to change the border of an element to Yxy 14.1400, 0.2928, 0.2255 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(131, 89, 149) }
```

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

```
.border{ border-color:rgb(131, 89, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 89, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 89, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 89, 149); box-shadow:4px 4px 4px 4px rgb(131, 89, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1400, 0.2928, 0.2255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 89, 149) }
```

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

```
.background{ background-color: rgb(131, 89,  
149) }
```

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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