

Converting Colors

$Y_{xy}(14.4193, 0.2926, 0.2084)$

Have a look what the booklet for
Yxy(14.4193, 0.2926, 0.2084)
contains.

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Color

Yxy(14.4193, 0.2926, 0.2084)

Conversions

Conversions Part 1

Format	Color
Hex	8C549F
RGB	140, 84, 159
RGB Percent	55%, 33%, 62%
CMY	0.4510, 0.6706, 0.3764
CMYK	0.12, 0.47, 0.00, 0.38
HSL	285°, 31%, 48%
HSV	285°, 47%, 62%
XYZ	20.2451, 14.4193, 34.5261
YIQ	109.2940, 9.3010, 35.1970

Conversions

Conversions Part 2

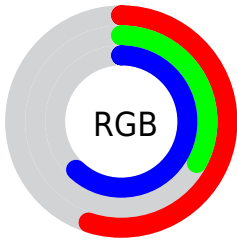
Format	Color
R_{YB}	140, 84, 159
Decimal	9196703
CIE _{Lab}	44.83, 36.41, -31.51
CIE _{LCh}	45, 48.152, 319.133
Yxy	14.4193, 0.2926, 0.2084
Android (android.graphics.Color)	4287386783 (0xFF8C549F)
YUV	109.2940, 24.5051, 26.9292
Hunter-Lab	37.9728, 28.7148, -27.3275

Details

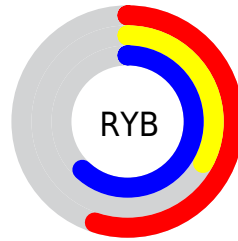
The Yxy color **14.4193, 0.2926, 0.2084** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.3277, 0.3226, 0.4663**, and the grayscale version is **15.3081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7851, 0.2988, 0.2331**, and **4.3383, 0.2802, 0.1670** is the 20% darker color. If you saturate the color by 10%, you get **11.8816, 0.2866, 0.1842**, and if you desaturate by 10%, it is **17.5314, 0.2981, 0.2342**.

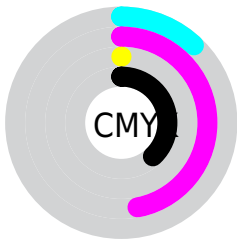
Distribution



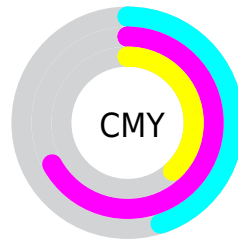
- Red (55%)
- Green (33%)
- Blue (62%)



- Red (55%)
- Yellow (33%)
- Blue (62%)



- Cyan (12%)
- Magenta (47%)
- Yellow (0%)
- Black (38%)





- Cyan (45%)
- Magenta (67%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4193, 0.2926, 0.2084 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 14.4193, 0.2926, 0.2084 by changing the saturation by 10% instead.


 14.4193, 0.2926,
0.2084

 14.4193, 0.2926,
0.2084

219.8239, 0.3063,
0.2737


 8.4129, 0.2875,
0.1907


 33.8312, 0.2987,
0.2332


 4.3603, 0.2797,
0.1674


 48.0054, 0.3006,
0.2422

 1.8771, 0.2669,
0.1358

 65.6711, 0.3021,
0.2497

 0.5345, 0.2451,
0.0858

 87.2125, 0.3033,
0.2560

 0.0000, 0.1670,
0.0000

 113.0141, 0.3043,
0.2614

 0.0000, 0.0000,
0.0000

143.4603, 0.3051,

0.2661

178.9354, 0.3058,
0.2701

■ 14.4193, 0.2926,
0.2084

■ 14.4193, 0.2926,
0.2084

■ 11.8816, 0.2866,
0.1842

■ 17.5314, 0.2981,
0.2342

■ 9.8780, 0.2801,
0.1627

■ 21.2510, 0.3029,
0.2605

■ 8.3656, 0.2734,
0.1449

■ 25.6108, 0.3071,
0.2866

■ 7.2942, 0.2667,
0.1313

■ 30.6408, 0.3106,
0.3118

■ 6.5836, 0.2601,
0.1220

■ 36.3688, 0.3135,
0.3356

■ 6.4054, 0.2582,
0.1196

■ 42.8212, 0.3158,
0.3577

■ 50.0230, 0.3177,
0.3781

■ 57.9978, 0.3192,
0.3967

■ 66.7684, 0.3204,
0.4135

Harmonies

Analogous

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



14.4193, 0.2120, 0.1872



14.4193, 0.2926, 0.2084



14.4193, 0.3947, 0.2525

Triad

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



14.4193, 0.2926, 0.2084



14.4193, 0.4714, 0.4478



14.4193, 0.1680, 0.3130

Complementary

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



14.4193, 0.2926, 0.2084



28.3277, 0.3226, 0.4663

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.



14.4193, 0.2224, 0.4249



14.4193, 0.2926, 0.2084



14.4193, 0.3971, 0.5034

Square

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



14.4193, 0.2926, 0.2084



14.4193, 0.5063, 0.3790



14.4193, 0.3066, 0.5051



14.4193, 0.1502, 0.2320

Rectangle

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



14.4193, 0.2926, 0.2084



14.4193, 0.4562, 0.2912



14.4193, 0.3066, 0.5051



14.4193, 0.1820, 0.3489

Sweetspot

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



14.4199, 0.2926, 0.2084



48.3502, 0.3081, 0.2941



14.2900, 0.2325, 0.2235



10.5028, 0.3074, 0.2888



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



14.4199, 0.2926, 0.2084



20.9099, 0.2860, 0.1822



15.6517, 0.3422, 0.2400



6.6699, 0.3099, 0.3067



5.0783, 0.2588, 0.1199



0.1094, 0.2852, 0.1345

Inverse Universe

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



14.6928, 0.4046, 0.2984



21.6387, 0.4393, 0.2927



27.6374, 0.2931, 0.4396



6.6724, 0.3246, 0.3234



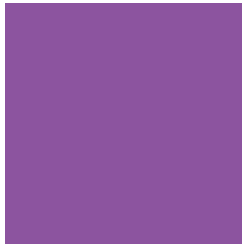
5.9504, 0.5870, 0.3007



0.1126, 0.4882, 0.2463

Previews

White Background



This preview shows how the Yxy color 14.4193, 0.2926, 0.2084 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 14.4193, 0.2926, 0.2084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

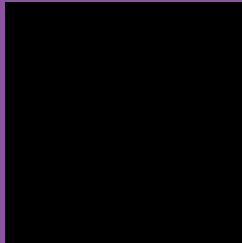
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4193, 0.2926, 0.2084

Background



This preview shows how black text looks on a background with the Yxy color 14.4193, 0.2926, 0.2084.



This preview shows how white text looks on a background with the Yxy color 14.4193, 0.2926, 0.2084.

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

14.4193, 0.2926, 0.2084

Protanopia

14.6527, 0.2150, 0.1975

Deuteranopia

14.7009, 0.2390, 0.2342



Tritanopia

14.4544, 0.3559, 0.3158

Trichromacy



Original Color

14.4193, 0.2926, 0.2084

Protanomaly

14.1610, 0.2370, 0.1999

Deuteranomaly

14.1998, 0.2555, 0.2224

Tritanomaly

14.2604, 0.3318, 0.2710

Monochromacy



Original Color

14.4193, 0.2926, 0.2084

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.6397, 0.3054, 0.2771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4193, 0.2926, 0.2084 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(140, 84, 159)` looks like.

```
.text, #text, p{  
    color:rgb(140, 84, 159)  
}
```

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(140, 84, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 84, 159) }
```

Border

The CSS property to change the border of an element to Yxy 14.4193, 0.2926, 0.2084 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(140, 84, 159) }
```

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

```
.border{ border-color:rgb(140, 84, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 84, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 84, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 84, 159);  
box-shadow:4px 4px 4px 4px rgb(140, 84,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4193, 0.2926, 0.2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 84, 159) }
```

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

```
.background{ background-color: rgb(140, 84,  
159) }
```

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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