

Converting Colors

$Y_{xy}(14.8623, 0.2884, 0.1457)$

Have a look what the booklet for
Yxy(14.8623, 0.2884, 0.1457)
contains.

Yxy(14.9207, 0.2888, 0.1459)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.9207, 0.2888, 0.1459)

Conversions

Conversions Part 1

Format	Color
Hex	B124CB
RGB	177, 36, 203
RGB Percent	69%, 14%, 80%
CMY	0.3060, 0.8585, 0.2040
CMYK	0.13, 0.82, 0.00, 0.20
HSL	291°, 70%, 47%
HSV	291°, 82%, 80%
XYZ	29.5346, 14.9207, 57.8113
YIQ	97.1970, 30.4290, 81.8290

Conversions

Conversions Part 2

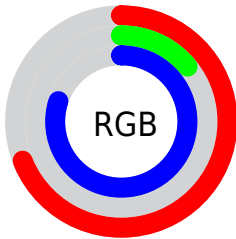
Format	Color
R_{YB}	177, 36, 203
Decimal	11609291
CIE _{Lab}	45.53, 73.47, -55.87
CIE _{LCh}	46, 92.299, 322.747
Yxy	14.9207, 0.2888, 0.1459
Android (android.graphics.Color)	4289799371 (0xFFB124CB)
YUV	97.1970, 52.1609, 69.9872
Hunter-Lab	38.6273, 68.8840, -61.6969

Details

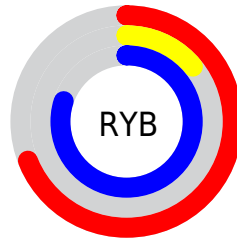
The Yxy color **14.9207, 0.2888, 0.1459** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **43.8582, 0.3097, 0.5739**, and the grayscale version is **11.8787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3602, 0.3018, 0.1810**, and **6.0601, 0.2726, 0.1275** is the 20% darker color. If you saturate the color by 10%, you get **13.6516, 0.2847, 0.1370**, and if you desaturate by 10%, it is **16.8958, 0.2929, 0.1593**.

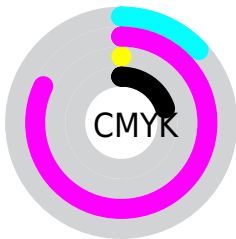
Distribution



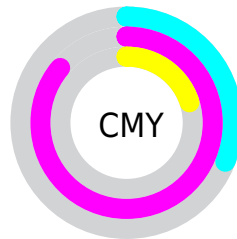
- Red (69%)
- Green (14%)
- Blue (80%)



- Red (69%)
- Yellow (14%)
- Blue (80%)



- Cyan (13%)
- Magenta (82%)
- Yellow (0%)
- Black (20%)




- Cyan (31%)
- Magenta (86%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.9207, 0.2888, 0.1459 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 14.9207, 0.2888, 0.1459 by changing the saturation by 10% instead.


 14.9207, 0.2888,
0.1459


 14.9207, 0.2888,
0.1459


222.8857, 0.3075,
0.2350


 8.7637, 0.2819,
0.1258


 34.7140, 0.2972,
0.1769


 4.5874, 0.2718,
0.1019


 49.1191, 0.2999,
0.1890


 2.0073, 0.2564,
0.0738


 67.0425, 0.3020,
0.1995

 0.6117, 0.2322,
0.0407

 88.8684, 0.3036,
0.2085

 0.0000, 0.1936,
0.0000

 114.9813, 0.3049,
0.2164

 0.0000, 0.0903,
0.0000

 145.7655, 0.3059,

 0.0000, 0.0000,

0.2233

0.0000

181.6056, 0.3068,
0.2295

■ 14.9207, 0.2888,
0.1459

■ 14.9207, 0.2888,
0.1459

■ 13.6516, 0.2847,
0.1370

■ 16.8958, 0.2929,
0.1593

■ 13.0077, 0.2815,
0.1325

■ 19.6778, 0.2967,
0.1769

■ 23.3532, 0.3004,
0.1981

■ 27.9969, 0.3036,
0.2219

■ 33.6757, 0.3065,
0.2472

■ 40.4506, 0.3089,
0.2732

■ 48.3777, 0.3108,
0.2989

■ 57.5094, 0.3124,
0.3237

■ 67.8948, 0.3136,
0.3471

Harmonies

Analogous

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



14.9207, 0.1584, 0.1141



14.9207, 0.2888, 0.1459



14.9207, 0.4818, 0.2082

Triad

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



14.9207, 0.2888, 0.1459



14.9207, 0.5195, 0.4805



14.9207, 0.0764, 0.2566

Complementary

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



14.9207, 0.2888, 0.1459



43.8582, 0.3097, 0.5739

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.



14.9207, 0.1311, 0.4915



14.9207, 0.2888, 0.1459



14.9207, 0.3812, 0.6188

Square

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



14.9207, 0.2888, 0.1459



14.9207, 0.6223, 0.3690



14.9207, 0.2436, 0.6781



14.9207, 0.0693, 0.1482

Rectangle

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



14.9207, 0.2888, 0.1459



14.9207, 0.5920, 0.2592



14.9207, 0.2436, 0.6781



14.9207, 0.0879, 0.3207

Sweetspot

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



14.9213, 0.2888, 0.1459



64.0148, 0.3082, 0.2651



8.3431, 0.1686, 0.1055



12.8358, 0.3073, 0.2559



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



14.9213, 0.2888, 0.1459



21.8217, 0.2814, 0.1327



16.0783, 0.4027, 0.2119



11.3118, 0.3113, 0.3060



8.3123, 0.2821, 0.1328



0.4533, 0.2901, 0.1372

Inverse Universe

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



14.3096, 0.5632, 0.3084



21.4818, 0.6194, 0.3192



43.8474, 0.2820, 0.5152



11.2417, 0.3266, 0.3254



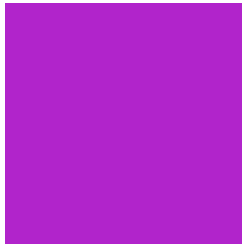
8.1538, 0.6166, 0.3171



0.4299, 0.5680, 0.2903

Previews

White Background



This preview shows how the Yxy color 14.9207, 0.2888, 0.1459 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 14.9207, 0.2888, 0.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

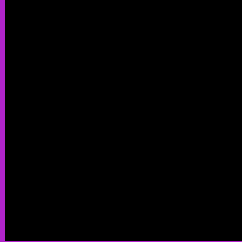
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9207, 0.2888, 0.1459

Background



This preview shows how black text looks on a background with the Yxy color 14.9207, 0.2888, 0.1459.



This preview shows how white text looks on a background with the Yxy color 14.9207, 0.2888, 0.1459.

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

14.9207, 0.2888, 0.1459

Protanopia

15.3236, 0.1743, 0.1476

Deuteranopia

15.2977, 0.1897, 0.1842



Tritanopia

14.9337, 0.4291, 0.3198

Trichromacy



Original Color

14.9207, 0.2888, 0.1459



Protanomaly

11.6823, 0.1826, 0.1246



Deuteranomaly

12.1505, 0.2042, 0.1469



Tritanomaly

13.8957, 0.3725, 0.2341

Monochromacy



Original Color

14.9207, 0.2888, 0.1459



Achromatopsia

11.9538, 0.3127, 0.3290



Achromatomaly

11.2453, 0.3025, 0.2186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9207, 0.2888, 0.1459 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(177, 36, 203)` looks like.

```
.text, #text, p{  
    color:rgb(177, 36, 203)  
}
```

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(177, 36, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 36, 203) }
```

Border

The CSS property to change the border of an element to Yxy 14.9207, 0.2888, 0.1459 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(177, 36, 203) }
```

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

```
.border{ border-color:rgb(177, 36, 203) }
```

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

Here you see how a box with a 4 pixel rgb(177, 36, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 36, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 36, 203);  
box-shadow:4px 4px 4px 4px rgb(177, 36,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9207, 0.2888, 0.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 36, 203) }
```

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

```
.background{ background-color: rgb(177, 36,  
203) }
```

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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