

Converting Colors

$Yxy(14.5899, 0.2885, 0.1363)$

Have a look what the booklet for
Yxy(14.5899, 0.2885, 0.1363)
contains.

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Color

Yxy(14.5485, 0.2882, 0.1362)

Conversions

Conversions Part 1

Format	Color
Hex	B600D1
RGB	182, 0, 209
RGB Percent	71%, 0%, 82%
CMY	0.2865, 0.9981, 0.1805
CMYK	0.13, 1.00, 0.00, 0.18
HSL	292°, 100%, 41%
HSV	292°, 100%, 82%
XYZ	30.7847, 14.5485, 61.4840
YIQ	78.2440, 41.3830, 103.5830

Conversions

Conversions Part 2

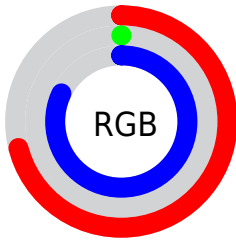
Format	Color
RYB	182, 0, 209
Decimal	11927761
CIELab	45.01, 80.40, -60.12
CIELCh	45, 100.395, 323.213
Yxy	14.5485, 0.2882, 0.1362
Android (android.graphics.Color)	4290117841 (0xFFB600D1)
YUV	78.2440, 64.4627, 90.9940
Hunter-Lab	38.1425, 77.3175, -68.8730

Details

The Yxy color **14.5485, 0.2882, 0.1362** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **45.8245, 0.3032, 0.5973**, and the grayscale version is **7.5879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2420, 0.3074, 0.1755**, and **6.5109, 0.2724, 0.1274** is the 20% darker color. If you saturate the color by 10%, you get **14.5314, 0.2881, 0.1361**, and if you desaturate by 10%, it is **15.4218, 0.2916, 0.1418**.

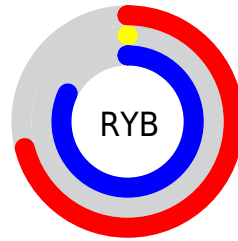
Distribution



Red (71%)

Green (0%)

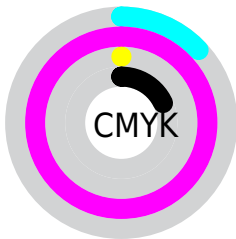
Blue (82%)



Red (71%)

Yellow (0%)

Blue (82%)

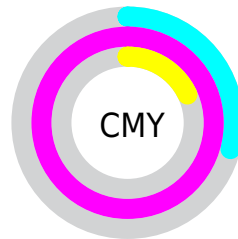


Cyan (13%)

Magenta (100%)

Yellow (0%)

Black (18%)



Cyan (29%)


Magenta (100%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5485, 0.2882, 0.1362 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 14.5485, 0.2882, 0.1362 by changing the saturation by 10% instead.


 14.5485, 0.2882,
0.1362


 14.5485, 0.2882,
0.1362


220.6169, 0.3079,
0.2284


 8.5031, 0.2810,
0.1160


 34.0591, 0.2971,
0.1679


 4.4185, 0.2704,
0.0924


 48.2932, 0.2999,
0.1804


 1.9103, 0.2544,
0.0652


 66.0256, 0.3021,
0.1912

 0.5546, 0.2299,
0.0336

 87.6408, 0.3038,
0.2006

 0.0000, 0.1909,
0.0000

 113.5231, 0.3051,
0.2088

 0.0000, 0.1068,
0.0000

 144.0570, 0.3062,

 0.0000, 0.0000,

0.2161

0.0000

179.6268, 0.3071,
0.2226

■ 14.5485, 0.2882,
0.1362

■ 14.5485, 0.2882,
0.1362

■ 14.5314, 0.2881,
0.1361

■ 15.4218, 0.2916,
0.1418

■ 16.8859, 0.2949,
0.1513

■ 19.1299, 0.2982,
0.1651

■ 22.2589, 0.3013,
0.1831

■ 26.3619, 0.3040,
0.2046

■ 31.5170, 0.3065,
0.2285

■ 37.7943, 0.3086,
0.2538

■ 45.2579, 0.3103,
0.2796

■ 53.9669, 0.3117,
0.3050

Harmonies

Analogous

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



14.5485, 0.1500, 0.1036



14.5485, 0.2882, 0.1362



14.5485, 0.4993, 0.2003

Triad

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



14.5485, 0.2882, 0.1362



14.5485, 0.5204, 0.4796



14.5485, 0.0634, 0.2440

Complementary

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



14.5485, 0.2882, 0.1362



45.8245, 0.3032, 0.5973

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.



14.5485, 0.1144, 0.5030



14.5485, 0.2882, 0.1362



14.5485, 0.3682, 0.6318

Square

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



14.5485, 0.2882, 0.1362



14.5485, 0.6380, 0.3620



14.5485, 0.2266, 0.7124



14.5485, 0.0588, 0.1348

Rectangle

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



14.5485, 0.2882, 0.1362



14.5485, 0.6174, 0.2517



14.5485, 0.2266, 0.7124



14.5485, 0.0736, 0.3121

Sweetspot

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



14.5491, 0.2882, 0.1362



58.6874, 0.3085, 0.2523



5.4482, 0.1528, 0.0698



11.6246, 0.3076, 0.2414



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.



14.5491, 0.2882, 0.1362



22.7402, 0.2877, 0.1359



15.2406, 0.4414, 0.2206



11.9281, 0.3117, 0.3059



8.9935, 0.2886, 0.1364



0.5250, 0.2949, 0.1398

Inverse Universe

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



13.6419, 0.6243, 0.3214



21.3701, 0.6265, 0.3225



46.1213, 0.2843, 0.5433



11.8328, 0.3270, 0.3260



8.4150, 0.6223, 0.3202



0.4789, 0.5813, 0.2976

Previews

White Background



This preview shows how the Yxy color 14.5485, 0.2882, 0.1362 looks on a white background.

Color Contrast Check

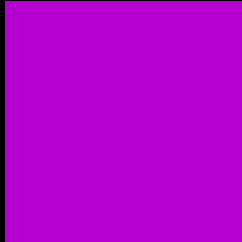
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5485, 0.2882, 0.1362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

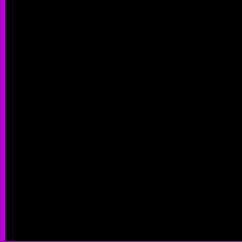
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5485, 0.2882, 0.1362

Background



This preview shows how black text looks on a background with the Yxy color 14.5485, 0.2882, 0.1362.



This preview shows how white text looks on a background with the Yxy color 14.5485, 0.2882, 0.1362.

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

14.5485, 0.2882, 0.1362

Deuteranopia

15.1374, 0.1828, 0.1781

Tritanopia

14.8462, 0.4422, 0.3202

Trichromacy



Original Color

14.5485, 0.2882, 0.1362



Deuteranomaly

9.7556, 0.1847, 0.1203



Tritanomaly

12.8926, 0.3834, 0.2206

Monochromacy



Original Color

14.5485, 0.2882, 0.1362



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.5006, 0.3015, 0.1868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5485, 0.2882, 0.1362 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(182, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 209)  
}
```

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(182, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 209) }
```

Border

The CSS property to change the border of an element to Yxy 14.5485, 0.2882, 0.1362 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(182, 0, 209) }
```

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

```
.border{ border-color:rgb(182, 0, 209) }
```

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

Here you see how a box with a 4 pixel rgb(182, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
209) }
```

Background

The CSS property to change the background color of an element to Yxy 14.5485, 0.2882, 0.1362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 209) }
```

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

```
.background{ background-color: rgb(182, 0,  
209) }
```

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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