

Converting Colors

$Y_{xy}(12.8965, 0.3577, 0.1632)$

Have a look what the booklet for
Yxy(12.8965, 0.3577, 0.1632)
contains.

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Color

Yxy(14.0336, 0.3553, 0.1731)

Conversions

Conversions Part 1

Format	Color
Hex	C000A8
RGB	192, 0, 168
RGB Percent	75%, 0%, 66%
CMY	0.2471, 0.9998, 0.3412
CMYK	0.00, 1.00, 0.13, 0.25
HSL	308°, 100%, 38%
HSV	308°, 100%, 75%
XYZ	28.8050, 14.0336, 38.2337
YIQ	76.5600, 60.5040, 92.9520

Conversions

Conversions Part 2

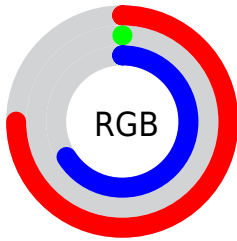
Format	Color
RYB	192, 0, 168
Decimal	12583080
CIELab	44.28, 76.02, -37.17
CIElCh	44, 84.618, 333.945
Yxy	14.0336, 0.3553, 0.1731
Android (android.graphics.Color)	4290773160 (0xFFC000A8)
YUV	76.5600, 45.0799, 101.2409
Hunter-Lab	37.4614, 71.6952, -34.2892

Details

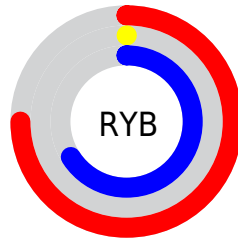
The Yxy color **14.0336, 0.3553, 0.1731** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **37.7645, 0.2974, 0.5907**, and the grayscale version is **7.2491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0567, 0.3480, 0.2015**, and **6.3061, 0.3592, 0.1752** is the 20% darker color. If you saturate the color by 10%, you get **14.0327, 0.3553, 0.1731**, and if you desaturate by 10%, it is **14.5979, 0.3511, 0.1751**.

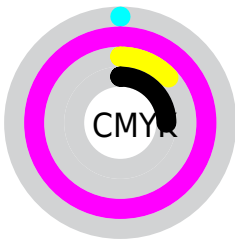
Distribution



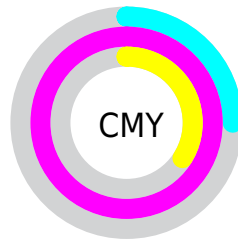
- Red (75%)
- Green (0%)
- Blue (66%)



- Red (75%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0336, 0.3553, 0.1731 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 14.0336, 0.3553, 0.1731 by changing the saturation by 10% instead.


 14.0336, 0.3553,
0.1731


 14.0336, 0.3553,
0.1731


 217.4398, 0.3354,
0.2529

 8.1440, 0.3594,
0.1534


 33.1486, 0.3486,
0.2021


 4.1873, 0.3639,
0.1288


 47.1429, 0.3459,
0.2131

 1.7789, 0.3682,
0.0978


 64.6075, 0.3435,
0.2223

 0.4739, 0.3729,
0.0532

 85.9269, 0.3415,
0.2302

 0.0000, 0.3705,
0.0000

 111.4854, 0.3397,
0.2371

 0.0000, 0.2228,
0.0000

 141.6675, 0.3381,

 0.0000, 0.0000,

0.2430

0.0000

176.8574, 0.3366,
0.2483

■ 14.0336, 0.3553,
0.1731

■ 14.0336, 0.3553,
0.1731

■ 14.0327, 0.3553,
0.1731

■ 14.5979, 0.3511,
0.1751

■ 15.6311, 0.3466,
0.1808

■ 17.3008, 0.3418,
0.1908

■ 19.6922, 0.3370,
0.2050

■ 22.8776, 0.3322,
0.2225

■ 26.9203, 0.3276,
0.2424

■ 31.8773, 0.3233,
0.2638

■ 37.8007, 0.3194,
0.2859

■ 44.7386, 0.3158,
0.3078

Harmonies

Analogous

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



14.0336, 0.2040, 0.1300



14.0336, 0.3553, 0.1731



14.0336, 0.5357, 0.2423

Triad

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



14.0336, 0.3553, 0.1731



14.0336, 0.4703, 0.5297



14.0336, 0.0783, 0.2118

Complementary

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



14.0336, 0.3553, 0.1731



37.7645, 0.2974, 0.5907

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.



14.0336, 0.1136, 0.3884



14.0336, 0.3553, 0.1731



14.0336, 0.3356, 0.6447

Square

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



14.0336, 0.3553, 0.1731



14.0336, 0.5863, 0.4130



14.0336, 0.2071, 0.6153



14.0336, 0.0825, 0.1379

Rectangle

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



14.0336, 0.3553, 0.1731



14.0336, 0.6102, 0.2938



14.0336, 0.2071, 0.6153



14.0336, 0.0846, 0.2568

Sweetspot

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



14.0343, 0.3553, 0.1731



57.2607, 0.3235, 0.2627



3.9827, 0.1541, 0.0623



11.4286, 0.3253, 0.2535



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



14.0343, 0.3553, 0.1731



25.4016, 0.3559, 0.1734



11.6969, 0.5451, 0.2777



10.2251, 0.3156, 0.3091



9.4508, 0.3548, 0.1728



0.4145, 0.3462, 0.1681

Inverse Universe

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



14.0343, 0.3553, 0.1731



25.4016, 0.3559, 0.1734



39.0163, 0.2612, 0.4601



10.2251, 0.3156, 0.3091



9.4508, 0.3548, 0.1728



0.4145, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 14.0336, 0.3553, 0.1731 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 14.0336, 0.3553, 0.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

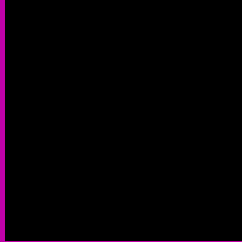
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0336, 0.3553, 0.1731

Background



This preview shows how black text looks on a background with the Yxy color 14.0336, 0.3553, 0.1731.



This preview shows how white text looks on a background with the Yxy color 14.0336, 0.3553, 0.1731.

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

14.0336, 0.3553, 0.1731

Protanopia

14.8150, 0.1739, 0.1461

Deuteranopia

14.7080, 0.2349, 0.2292



Tritanopia

14.4059, 0.5089, 0.3247

Trichromacy



Original Color

14.0336, 0.3553, 0.1731



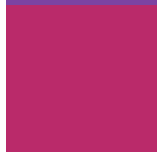
Protanomaly

9.3687, 0.1864, 0.1172



Deuteranomaly

10.9080, 0.2667, 0.1727



Tritanomaly

13.1356, 0.4577, 0.2539

Monochromacy



Original Color

14.0336, 0.3553, 0.1731



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2444, 0.3358, 0.2112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0336, 0.3553, 0.1731 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(192, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 168)  
}
```

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(192, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 168) }
```

Border

The CSS property to change the border of an element to Yxy 14.0336, 0.3553, 0.1731 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(192, 0, 168) }
```

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

```
.border{ border-color:rgb(192, 0, 168) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0336, 0.3553, 0.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 168) }
```

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

```
.background{ background-color: rgb(192, 0,  
168) }
```

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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