

Converting Colors

$Yxy(10.6015, 0.3506, 0.1409)$

Have a look what the booklet for
Yxy(10.6015, 0.3506, 0.1409)
contains.

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Color

Yxy(13.5559, 0.3482, 0.1692)

Conversions

Conversions Part 1

Format	Color
Hex	BC00A9
RGB	188, 0, 169
RGB Percent	74%, 0%, 66%
CMY	0.2628, 0.9996, 0.3374
CMYK	0.00, 1.00, 0.10, 0.26
HSL	306°, 100%, 37%
HSV	306°, 100%, 74%
XYZ	27.8970, 13.5559, 38.6648
YIQ	75.4780, 57.7990, 92.4150

Conversions

Conversions Part 2

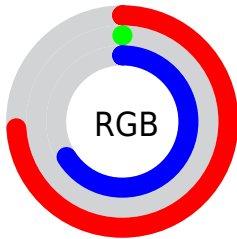
Format	Color
RYB	188, 0, 169
Decimal	12320937
CIELab	43.59, 75.43, -38.89
CIELCh	44, 84.868, 332.728
Yxy	13.5559, 0.3482, 0.1692
Android (android.graphics.Color)	4290511017 (0xFFBC00A9)
YUV	75.4780, 46.1063, 98.6818
Hunter-Lab	36.8183, 70.8159, -36.4905

Details

The Yxy color **13.5559, 0.3482, 0.1692** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **36.0131, 0.2981, 0.5930**, and the grayscale version is **7.0457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.3721, 0.3429, 0.1990**, and **6.0068, 0.3491, 0.1697** is the 20% darker color. If you saturate the color by 10%, you get **13.5537, 0.3482, 0.1692**, and if you desaturate by 10%, it is **14.0889, 0.3449, 0.1716**.

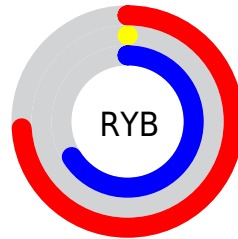
Distribution



Red (74%)

Green (0%)

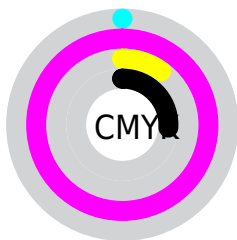
Blue (66%)



Red (74%)

Yellow (0%)

Blue (66%)

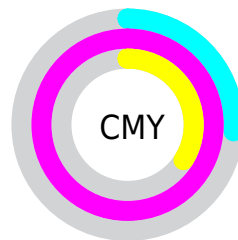


Cyan (0%)

Magenta (100%)

Yellow (10%)

Black (26%)



Cyan (26%)


Magenta (100%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5559, 0.3482, 0.1692 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 13.5559, 0.3482, 0.1692 by changing the saturation by 10% instead.


 13.5559, 0.3482,
0.1692

 13.5559, 0.3482,
0.1692


214.4503, 0.3325,
0.2510


 7.8124, 0.3510,
0.1491


 32.2989, 0.3432,
0.1989


 3.9752, 0.3536,
0.1240


 46.0673, 0.3411,
0.2101

 1.6597, 0.3551,
0.0927


 63.2794, 0.3392,
0.2196

 0.3973, 0.3561,
0.0455

 84.3197, 0.3376,
0.2277

 0.0000, 0.3432,
0.0000

 109.5725, 0.3361,
0.2347

 0.0000, 0.1341,
0.0000

 139.4223, 0.3348,

 0.0000, 0.0000,

0.2409

0.0000

174.2534, 0.3336,
0.2462

■ 13.5559, 0.3482,
0.1692

■ 13.5559, 0.3482,
0.1692

■ 13.5537, 0.3482,
0.1692

■ 14.0889, 0.3449,
0.1716

■ 15.0671, 0.3413,
0.1777

■ 16.6515, 0.3374,
0.1880

■ 18.9229, 0.3334,
0.2024

■ 21.9498, 0.3295,
0.2202

■ 25.7922, 0.3256,
0.2405

■ 30.5042, 0.3219,
0.2624

■ 36.1354, 0.3185,
0.2849

■ 42.7313, 0.3154,
0.3073

Harmonies

Analogous

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



13.5559, 0.1981, 0.1273



13.5559, 0.3482, 0.1692



13.5559, 0.5322, 0.2380

Triad

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



13.5559, 0.3482, 0.1692



13.5559, 0.4754, 0.5246



13.5559, 0.0769, 0.2149

Complementary

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



13.5559, 0.3482, 0.1692



36.0131, 0.2981, 0.5930

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.



13.5559, 0.1140, 0.3987



13.5559, 0.3482, 0.1692



13.5559, 0.3407, 0.6468

Square

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



13.5559, 0.3482, 0.1692



13.5559, 0.5920, 0.4080



13.5559, 0.2098, 0.6265



13.5559, 0.0800, 0.1377

Rectangle

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



13.5559, 0.3482, 0.1692



13.5559, 0.6111, 0.2894



13.5559, 0.2098, 0.6265



13.5559, 0.0836, 0.2619

Sweetspot

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



13.5566, 0.3482, 0.1692



54.7741, 0.3221, 0.2612



3.7706, 0.1534, 0.0619



10.9700, 0.3236, 0.2518



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



13.5566, 0.3482, 0.1692



24.5440, 0.3487, 0.1695



11.2050, 0.5380, 0.2738



9.6792, 0.3153, 0.3086



9.2348, 0.3478, 0.1690



0.3666, 0.3406, 0.1650

Inverse Universe

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



13.5566, 0.3482, 0.1692



24.5440, 0.3487, 0.1695



37.1543, 0.2628, 0.4659



9.6792, 0.3153, 0.3086



9.2348, 0.3478, 0.1690



0.3666, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 13.5559, 0.3482, 0.1692 looks on a white background.

Color Contrast Check

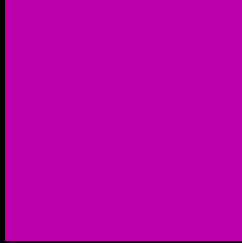
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5559, 0.3482, 0.1692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

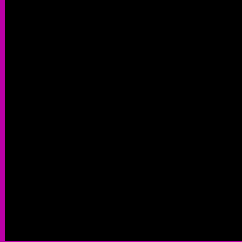
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.5559, 0.3482, 0.1692

Background



This preview shows how black text looks on a background with the Yxy color 13.5559, 0.3482, 0.1692.



This preview shows how white text looks on a background with the Yxy color 13.5559, 0.3482, 0.1692.

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

13.5559, 0.3482, 0.1692

Protanopia

14.4090, 0.1744, 0.1476

Deuteranopia

14.3118, 0.2294, 0.2246



Tritanopia

13.9223, 0.5044, 0.3245

Trichromacy



Original Color

13.5559, 0.3482, 0.1692



Protanomaly

9.0868, 0.1855, 0.1165



Deuteranomaly

10.5806, 0.2590, 0.1689



Tritanomaly

12.6416, 0.4522, 0.2516

Monochromacy



Original Color

13.5559, 0.3482, 0.1692



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

7.0216, 0.3321, 0.2081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5559, 0.3482, 0.1692 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(188, 0, 169)` looks like.

```
.text, #text, p{  
  color:rgb(188, 0, 169)  
}
```

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(188, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 0, 169) }
```

Border

The CSS property to change the border of an element to Yxy 13.5559, 0.3482, 0.1692 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(188, 0, 169) }
```

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

```
.border{ border-color:rgb(188, 0, 169) }
```

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

Here you see how a box with a 4 pixel rgb(188, 0, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 0,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 13.5559, 0.3482, 0.1692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 0, 169) }
```

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

```
.background{ background-color: rgb(188, 0,  
169) }
```

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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