

Converting Colors

$Yxy(14.5242, 0.3322, 0.1603)$

Have a look what the booklet for
Yxy(14.5242, 0.3322, 0.1603)
contains.

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Color

Yxy(14.4953, 0.3317, 0.1601)

Conversions

Conversions Part 1

Format	Color
Hex	BF00B7
RGB	191, 0, 183
RGB Percent	75%, 0%, 72%
CMY	0.2510, 0.9997, 0.2824
CMYK	0.00, 1.00, 0.04, 0.25
HSL	303°, 100%, 37%
HSV	303°, 100%, 75%
XYZ	30.0318, 14.4953, 46.0119
YIQ	77.9710, 55.0930, 97.4050

Conversions

Conversions Part 2

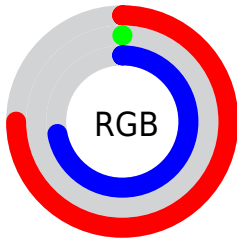
Format	Color
RYB	191, 0, 183
Decimal	12517559
CIELab	44.94, 77.90, -45.02
CIELCh	45, 89.976, 329.974
Yxy	14.4953, 0.3317, 0.1601
Android (android.graphics.Color)	4290707639 (0xFFBF00B7)
YUV	77.9710, 51.7793, 99.1264
Hunter-Lab	38.0727, 74.1739, -45.0028

Details

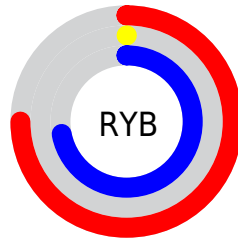
The Yxy color **14.4953, 0.3317, 0.1601** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **37.2781, 0.2993, 0.5974**, and the grayscale version is **7.5130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9453, 0.3303, 0.1897**, and **6.5715, 0.3284, 0.1583** is the 20% darker color. If you saturate the color by 10%, you get **14.4945, 0.3317, 0.1601**, and if you desaturate by 10%, it is **14.9993, 0.3303, 0.1632**.

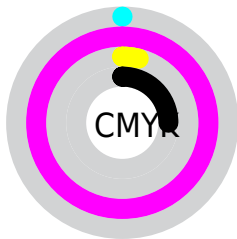
Distribution



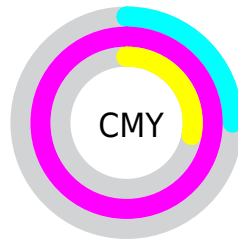
- Red (75%)
- Green (0%)
- Blue (72%)



- Red (75%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4953, 0.3317, 0.1601 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 14.4953, 0.3317, 0.1601 by changing the saturation by 10% instead.


 14.4953, 0.3317,
0.1601


 14.4953, 0.3317,
0.1601


220.2907, 0.3261,
0.2444

 8.4660, 0.3314,
0.1402


 33.9653, 0.3308,
0.1901


 4.3945, 0.3298,
0.1159


 48.1748, 0.3301,
0.2016


 1.8966, 0.3256,
0.0861


 65.8797, 0.3294,
0.2114


 0.5463, 0.3163,
0.0478

 87.4646, 0.3287,
0.2199

 0.0000, 0.2953,
0.0000

 113.3137, 0.3280,
0.2272

 0.0000, 0.1865,
0.0000

 143.8115, 0.3273,

 0.0000, 0.0000,

0.2337

0.0000

179.3424, 0.3267,
0.2393

■ 14.4953, 0.3317,
0.1601

■ 14.4953, 0.3317,
0.1601

■ 14.4945, 0.3317,
0.1601

■ 14.9993, 0.3303,
0.1632

■ 15.9648, 0.3288,
0.1698

■ 17.5578, 0.3269,
0.1807

■ 19.8624, 0.3250,
0.1957

■ 22.9498, 0.3228,
0.2142

■ 26.8827, 0.3207,
0.2353

■ 31.7171, 0.3185,
0.2583

■ 37.5046, 0.3165,
0.2820

■ 44.2927, 0.3145,
0.3059

Harmonies

Analogous

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



14.4953, 0.1844, 0.1208



14.4953, 0.3317, 0.1601



14.4953, 0.5239, 0.2278

Triad

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



14.4953, 0.3317, 0.1601



14.4953, 0.4874, 0.5126



14.4953, 0.0735, 0.2222

Complementary

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



14.4953, 0.3317, 0.1601



37.2781, 0.2993, 0.5974

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.



14.4953, 0.1146, 0.4242



14.4953, 0.3317, 0.1601



14.4953, 0.3512, 0.6488

Square

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



14.4953, 0.3317, 0.1601



14.4953, 0.6044, 0.3956



14.4953, 0.2156, 0.6519



14.4953, 0.0742, 0.1371

Rectangle

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



14.4953, 0.3317, 0.1601



14.4953, 0.6131, 0.2792



14.4953, 0.2156, 0.6519



14.4953, 0.0812, 0.2742

Sweetspot

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



14.4960, 0.3317, 0.1601



56.3269, 0.3186, 0.2571



3.8043, 0.1510, 0.0606



11.5205, 0.3195, 0.2471



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.



14.4960, 0.3317, 0.1601



25.9514, 0.3319, 0.1602



11.8014, 0.5105, 0.2586



9.6892, 0.3144, 0.3073



9.5291, 0.3315, 0.1600



0.3754, 0.3288, 0.1585

Inverse Universe

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



14.4960, 0.3317, 0.1601



25.9514, 0.3319, 0.1602



38.2176, 0.2694, 0.4896



9.6892, 0.3144, 0.3073



9.5291, 0.3315, 0.1600



0.3754, 0.3288, 0.1585

Previews

White Background



This preview shows how the Yxy color 14.4953, 0.3317, 0.1601 looks on a white background.

Color Contrast Check

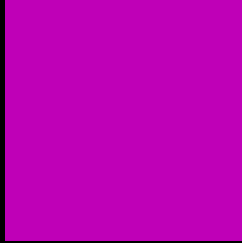
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4953, 0.3317, 0.1601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

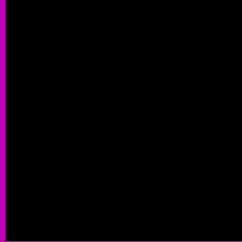
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4953, 0.3317, 0.1601

Background



This preview shows how black text looks on a background with the Yxy color 14.4953, 0.3317, 0.1601.



This preview shows how white text looks on a background with the Yxy color 14.4953, 0.3317, 0.1601.

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

14.4953, 0.3317, 0.1601

Protanopia

15.3771, 0.1741, 0.1468

Deuteranopia

15.3323, 0.2171, 0.2125



Tritanopia

14.8598, 0.4898, 0.3243

Trichromacy



Original Color

14.4953, 0.3317, 0.1601



Protanomaly

9.8336, 0.1834, 0.1138



Deuteranomaly

11.1038, 0.2432, 0.1573



Tritanomaly

13.3821, 0.4353, 0.2443

Monochromacy



Original Color

14.4953, 0.3317, 0.1601



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.4641, 0.3243, 0.2034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4953, 0.3317, 0.1601 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(191, 0, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 183)  
}
```

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(191, 0, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 183) }
```

Border

The CSS property to change the border of an element to Yxy 14.4953, 0.3317, 0.1601 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(191, 0, 183) }
```

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

```
.border{ border-color:rgb(191, 0, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 183);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4953, 0.3317, 0.1601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 183) }
```

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

```
.background{ background-color: rgb(191, 0,  
183) }
```

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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