

Converting Colors

$Yxy(14.3341, 0.3388, 0.1640)$

Have a look what the booklet for
Yxy(14.3341, 0.3388, 0.1640)
contains.

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Color

Yxy(14.2907, 0.3388, 0.1640)

Conversions

Conversions Part 1

Format	Color
Hex	BF00B2
RGB	191, 0, 178
RGB Percent	75%, 0%, 70%
CMY	0.2510, 1.0000, 0.3019
CMYK	0.00, 1.00, 0.07, 0.25
HSL	304°, 100%, 37%
HSV	304°, 100%, 75%
XYZ	29.5225, 14.2907, 43.3252
YIQ	77.4010, 56.6980, 95.8500

Conversions

Conversions Part 2

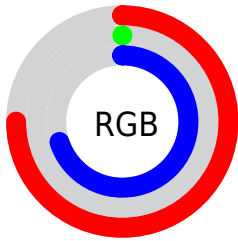
Format	Color
R_{YB}	191, 0, 178
Decimal	12517554
CIE Lab	44.65, 77.21, -42.54
CIE LCh	45, 88.151, 331.146
Yxy	14.2907, 0.3388, 0.1640
Android (android.graphics.Color)	4290707634 (0xFFBF00B2)
YUV	77.4010, 49.5953, 99.6263
Hunter-Lab	37.8030, 73.2452, -41.4888

Details

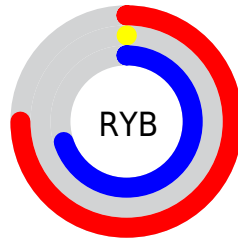
The Yxy color **14.2907, 0.3388, 0.1640** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **37.2917, 0.2988, 0.5958**, and the grayscale version is **7.3987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5945, 0.3363, 0.1941**, and **6.4672, 0.3362, 0.1625** is the 20% darker color. If you saturate the color by 10%, you get **14.2913, 0.3388, 0.1640**, and if you desaturate by 10%, it is **14.8131, 0.3366, 0.1668**.

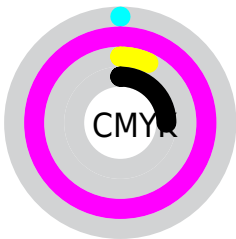
Distribution



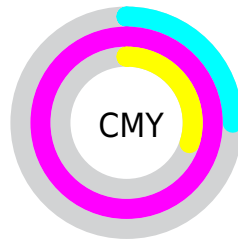
- Red (75%)
- Green (0%)
- Blue (70%)



- Red (75%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2907, 0.3388, 0.1640 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 14.2907, 0.3388, 0.1640 by changing the saturation by 10% instead.


 14.2907, 0.3388,
0.1640


 14.2907, 0.3388,
0.1640


 219.0319, 0.3289,
0.2471


 8.3231, 0.3398,
0.1441


 33.6039, 0.3362,
0.1938


 4.3024, 0.3399,
0.1196


 47.7184, 0.3349,
0.2051

 1.8441, 0.3380,
0.0894


 65.3173, 0.3337,
0.2148

 0.5144, 0.3325,
0.0490

 86.7850, 0.3326,
0.2231

 0.0000, 0.3158,
0.0000

 112.5059, 0.3315,
0.2303

 0.0000, 0.1921,
0.0000

 142.8644, 0.3306,

 0.0000, 0.0000,

0.2366

0.0000

178.2450, 0.3297,
0.2421

■ 14.2907, 0.3388,
0.1640

■ 14.2907, 0.3388,
0.1640

■ 14.2913, 0.3388,
0.1640

■ 14.8131, 0.3366,
0.1668

■ 15.7961, 0.3342,
0.1731

■ 17.4067, 0.3315,
0.1838

■ 19.7291, 0.3287,
0.1985

■ 22.8344, 0.3257,
0.2167

■ 26.7854, 0.3228,
0.2375

■ 31.6381, 0.3200,
0.2599

■ 37.4442, 0.3174,
0.2832

■ 44.2510, 0.3149,
0.3064

Harmonies

Analogous

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



14.2907, 0.1902, 0.1235



14.2907, 0.3388, 0.1640



14.2907, 0.5276, 0.2322

Triad

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



14.2907, 0.3388, 0.1640



14.2907, 0.4822, 0.5178



14.2907, 0.0749, 0.2190

Complementary

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



14.2907, 0.3388, 0.1640



37.2917, 0.2988, 0.5958

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.



14.2907, 0.1143, 0.4129



14.2907, 0.3388, 0.1640



14.2907, 0.3468, 0.6484

Square

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



14.2907, 0.3388, 0.1640



14.2907, 0.5991, 0.4009



14.2907, 0.2132, 0.6411



14.2907, 0.0767, 0.1374

Rectangle

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



14.2907, 0.3388, 0.1640



14.2907, 0.6123, 0.2836



14.2907, 0.2132, 0.6411



14.2907, 0.0823, 0.2687

Sweetspot

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



14.2914, 0.3388, 0.1640



56.2095, 0.3202, 0.2588



3.8454, 0.1520, 0.0611



11.4912, 0.3213, 0.2491



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.



14.2914, 0.3388, 0.1640



25.5803, 0.3391, 0.1642



11.6978, 0.5246, 0.2664



9.6848, 0.3148, 0.3079



9.3966, 0.3385, 0.1639



0.3715, 0.3339, 0.1613

Inverse Universe

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



14.2914, 0.3388, 0.1640



25.5803, 0.3391, 0.1642



38.3504, 0.2661, 0.4780



9.6848, 0.3148, 0.3079



9.3966, 0.3385, 0.1639



0.3715, 0.3339, 0.1613

Previews

White Background



This preview shows how the Yxy color 14.2907, 0.3388, 0.1640 looks on a white background.

Color Contrast Check

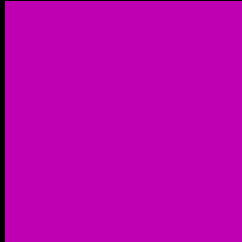
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2907, 0.3388, 0.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

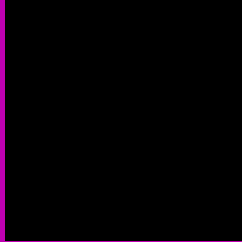
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2907, 0.3388, 0.1640

Background



This preview shows how black text looks on a background with the Yxy color 14.2907, 0.3388, 0.1640.



This preview shows how white text looks on a background with the Yxy color 14.2907, 0.3388, 0.1640.

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

14.2907, 0.3388, 0.1640

Protanopia

15.0679, 0.1741, 0.1468

Deuteranopia

15.0929, 0.2227, 0.2183



Tritanopia

14.6985, 0.4962, 0.3244

Trichromacy



Original Color

14.2907, 0.3388, 0.1640



Protanomaly

9.5694, 0.1841, 0.1142



Deuteranomaly

11.0481, 0.2501, 0.1630



Tritanomaly

13.3609, 0.4430, 0.2480

Monochromacy



Original Color

14.2907, 0.3388, 0.1640



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2631, 0.3262, 0.2041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2907, 0.3388, 0.1640 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 178) }
```

Border

The CSS property to change the border of an element to Yxy 14.2907, 0.3388, 0.1640 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, 178) }
```

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

```
.border{ border-color:rgb(191, 0, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 178);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2907, 0.3388, 0.1640 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, 178) }
```

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

```
.background{ background-color: rgb(191, 0,  
178) }
```

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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