

Converting Colors

$Yxy(14.4188, 0.3358, 0.1624)$

Have a look what the booklet for
Yxy(14.4188, 0.3358, 0.1624)
contains.

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Color

Yxy(14.3717, 0.3359, 0.1624)

Conversions

Conversions Part 1

Format	Color
Hex	BF00B4
RGB	191, 0, 180
RGB Percent	75%, 0%, 71%
CMY	0.2510, 1.0000, 0.2940
CMYK	0.00, 1.00, 0.06, 0.25
HSL	303°, 100%, 37%
HSV	303°, 100%, 75%
XYZ	29.7257, 14.3717, 44.3983
YIQ	77.6290, 56.0560, 96.4720

Conversions

Conversions Part 2

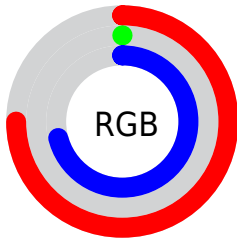
Format	Color
R_{YB}	191, 0, 180
Decimal	12517556
CIE _{Lab}	44.76, 77.49, -43.55
CIE _{LCh}	45, 88.887, 330.665
Yxy	14.3717, 0.3359, 0.1624
Android (android.graphics.Color)	4290707636 (0xFFBF00B4)
YUV	77.6290, 50.4689, 99.4264
Hunter-Lab	37.9100, 73.6214, -42.9004

Details

The Yxy color **14.3717, 0.3359, 0.1624** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **37.2860, 0.2990, 0.5965**, and the grayscale version is **7.4414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7101, 0.3343, 0.1926**, and **6.4929, 0.3342, 0.1615** is the 20% darker color. If you saturate the color by 10%, you get **14.3726, 0.3359, 0.1624**, and if you desaturate by 10%, it is **14.8867, 0.3340, 0.1654**.

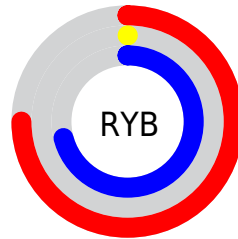
Distribution



Red (75%)

Green (0%)

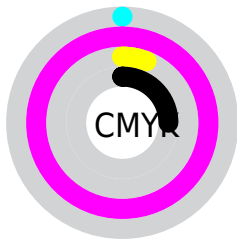
Blue (71%)



Red (75%)

Yellow (0%)

Blue (71%)

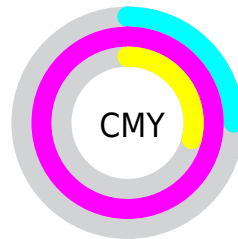


Cyan (0%)

Magenta (100%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (100%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3717, 0.3359, 0.1624 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 14.3717, 0.3359, 0.1624 by changing the saturation by 10% instead.


 14.3717, 0.3359,
0.1624


 14.3717, 0.3359,
0.1624


219.5311, 0.3278,
0.2460

 8.3796, 0.3363,
0.1425


 33.7471, 0.3340,
0.1923


 4.3388, 0.3358,
0.1181


 47.8993, 0.3330,
0.2037


 1.8648, 0.3329,
0.0881


 65.5402, 0.3320,
0.2134

 0.5271, 0.3258,
0.0485

 87.0544, 0.3310,
0.2218

 0.0000, 0.3072,
0.0000

 112.8262, 0.3301,
0.2290

 0.0000, 0.1900,
0.0000

 143.2399, 0.3293,

 0.0000, 0.0000,

0.2354

0.0000

178.6801, 0.3285,
0.2410

■ 14.3717, 0.3359,
0.1624

■ 14.3717, 0.3359,
0.1624

■ 14.3726, 0.3359,
0.1624

■ 14.8867, 0.3340,
0.1654

■ 15.8619, 0.3320,
0.1718

■ 17.4645, 0.3297,
0.1825

■ 19.7787, 0.3272,
0.1973

■ 22.8757, 0.3246,
0.2156

■ 26.8181, 0.3220,
0.2366

■ 31.6622, 0.3194,
0.2592

■ 37.4593, 0.3170,
0.2827

■ 44.2571, 0.3148,
0.3061

Harmonies

Analogous

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



14.3717, 0.1878, 0.1224



14.3717, 0.3359, 0.1624



14.3717, 0.5261, 0.2304

Triad

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



14.3717, 0.3359, 0.1624



14.3717, 0.4843, 0.5157



14.3717, 0.0743, 0.2203

Complementary

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



14.3717, 0.3359, 0.1624



37.2860, 0.2990, 0.5965

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.



14.3717, 0.1144, 0.4175



14.3717, 0.3359, 0.1624



14.3717, 0.3488, 0.6490

Square

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



14.3717, 0.3359, 0.1624



14.3717, 0.6012, 0.3988



14.3717, 0.2142, 0.6456



14.3717, 0.0756, 0.1373

Rectangle

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



14.3717, 0.3359, 0.1624



14.3717, 0.6127, 0.2818



14.3717, 0.2142, 0.6456



14.3717, 0.0818, 0.2709

Sweetspot

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



14.3726, 0.3359, 0.1624



56.2568, 0.3195, 0.2581



3.8232, 0.1515, 0.0608



11.5030, 0.3206, 0.2483



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.



14.3726, 0.3359, 0.1624



25.7285, 0.3361, 0.1625



11.7475, 0.5176, 0.2625



9.6866, 0.3146, 0.3077



9.4495, 0.3357, 0.1623



0.3731, 0.3318, 0.1602

Inverse Universe

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



14.3726, 0.3359, 0.1624



25.7285, 0.3361, 0.1625



38.2828, 0.2677, 0.4839



9.6866, 0.3146, 0.3077



9.4495, 0.3357, 0.1623



0.3731, 0.3318, 0.1602

Previews

White Background



This preview shows how the Yxy color 14.3717, 0.3359, 0.1624 looks on a white background.

Color Contrast Check

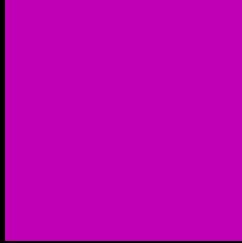
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3717, 0.3359, 0.1624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

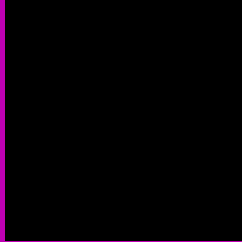
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3717, 0.3359, 0.1624

Background



This preview shows how black text looks on a background with the Yxy color 14.3717, 0.3359, 0.1624.



This preview shows how white text looks on a background with the Yxy color 14.3717, 0.3359, 0.1624.

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

14.3717, 0.3359, 0.1624

Protanopia

15.1211, 0.1739, 0.1461

Deuteranopia

15.0856, 0.2199, 0.2151



Tritanopia

14.7178, 0.4924, 0.3243

Trichromacy



Original Color

14.3717, 0.3359, 0.1624



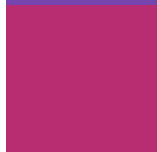
Protanomaly

9.6179, 0.1837, 0.1137



Deuteranomaly

11.0553, 0.2471, 0.1606



Tritanomaly

13.2594, 0.4396, 0.2461

Monochromacy



Original Color

14.3717, 0.3359, 0.1624



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.4409, 0.3261, 0.2049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3717, 0.3359, 0.1624 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 180) }
```

Border

The CSS property to change the border of an element to Yxy 14.3717, 0.3359, 0.1624 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, 180) }
```

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

```
.border{ border-color:rgb(191, 0, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3717, 0.3359, 0.1624 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, 180) }
```

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

```
.background{ background-color: rgb(191, 0,  
180) }
```

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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