

Converting Colors

$Yxy(15.9984, 0.3335, 0.1743)$

Have a look what the booklet for
Yxy(15.9984, 0.3335, 0.1743)
contains.

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Color

Yxy(15.9984, 0.3335, 0.1743)

Conversions

Conversions Part 1

Format	Color
Hex	BF29B5
RGB	191, 41, 181
RGB Percent	75%, 16%, 71%
CMY	0.2511, 0.8389, 0.2903
CMYK	0.00, 0.78, 0.05, 0.25
HSL	304°, 65%, 46%
HSV	304°, 78%, 75%
XYZ	30.6108, 15.9984, 45.1774
YIQ	101.8100, 44.4600, 75.3400

Conversions

Conversions Part 2

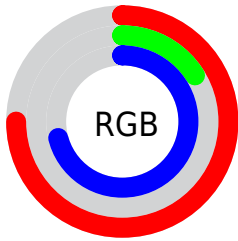
Format	Color
RYB	191, 41, 181
Decimal	12528053
CIELab	46.97, 71.29, -40.60
CIElCh	47, 82.043, 330.341
Yxy	15.9984, 0.3335, 0.1743
Android (android.graphics.Color)	4290718133 (0xFFBF29B5)
YUV	101.8100, 39.0407, 78.2196
Hunter-Lab	39.9980, 66.6111, -38.9689

Details

The Yxy color **15.9984, 0.3335, 0.1743** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **37.9600, 0.2983, 0.5623**, and the grayscale version is **13.1331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7268, 0.3324, 0.2030**, and **6.5189, 0.3322, 0.1604** is the 20% darker color. If you saturate the color by 10%, you get **14.9287, 0.3359, 0.1673**, and if you desaturate by 10%, it is **17.7108, 0.3308, 0.1856**.

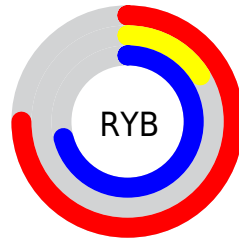
Distribution



Red (75%)

Green (16%)

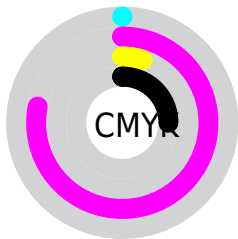
Blue (71%)



Red (75%)

Yellow (16%)

Blue (71%)

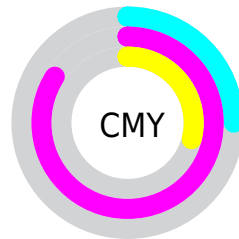


Cyan (0%)

Magenta (78%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (84%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9984, 0.3335, 0.1743 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 15.9984, 0.3335, 0.1743 by changing the saturation by 10% instead.


 15.9984, 0.3335,
0.1743


 15.9984, 0.3335,
0.1743


229.3323, 0.3261,
0.2521


 9.5230, 0.3340,
0.1555


 36.5954, 0.3317,
0.2023


 5.0839, 0.3338,
0.1322


 51.4859, 0.3307,
0.2129


 2.2966, 0.3317,
0.1031


 69.9501, 0.3298,
0.2219

 0.7719, 0.3252,
0.0668

 92.3726, 0.3289,
0.2297

 0.0000, 0.3154,
0.0000

 119.1376, 0.3281,
0.2364

 0.0000, 0.2213,
0.0000

 150.6296, 0.3274,

 0.0000, 0.0000,

0.2423

0.0000

187.2331, 0.3267,
0.2475

■ 15.9984, 0.3335,
0.1743

■ 15.9984, 0.3335,
0.1743

■ 14.9287, 0.3359,
0.1673

■ 17.7108, 0.3308,
0.1856

■ 14.3665, 0.3381,
0.1642

■ 20.1452, 0.3280,
0.2009

■ 14.2959, 0.3384,
0.1638

■ 23.3723, 0.3252,
0.2195

■ 27.4534, 0.3223,
0.2407

■ 32.4440, 0.3195,
0.2633

■ 38.3948, 0.3169,
0.2866

■ 45.3529, 0.3146,
0.3098

■ 53.3622, 0.3124,
0.3323

■ 62.4640, 0.3105,
0.3538

Harmonies

Analogous

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



15.9984, 0.1976, 0.1358



15.9984, 0.3335, 0.1743



15.9984, 0.5030, 0.2396

Triad

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



15.9984, 0.3335, 0.1743



15.9984, 0.4860, 0.5140



15.9984, 0.0902, 0.2350

Complementary

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



15.9984, 0.3335, 0.1743



37.9600, 0.2983, 0.5623

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.



15.9984, 0.1331, 0.4121



15.9984, 0.3335, 0.1743



15.9984, 0.3563, 0.6163

Square

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



15.9984, 0.3335, 0.1743



15.9984, 0.5808, 0.4022



15.9984, 0.2312, 0.6067



15.9984, 0.0895, 0.1530

Rectangle

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



15.9984, 0.3335, 0.1743



15.9984, 0.5831, 0.2902



15.9984, 0.2312, 0.6067



15.9984, 0.0987, 0.2823

Sweetspot

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



15.9992, 0.3335, 0.1743



62.2931, 0.3184, 0.2729



5.9946, 0.1701, 0.0891



12.8720, 0.3194, 0.2645



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.



15.9992, 0.3335, 0.1743



25.9927, 0.3375, 0.1649



13.7581, 0.4594, 0.2527



9.6850, 0.3148, 0.3079



9.4035, 0.3382, 0.1637



0.3717, 0.3336, 0.1612

Inverse Universe

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



15.9992, 0.3335, 0.1743



25.9927, 0.3375, 0.1649



39.1634, 0.2644, 0.4473



9.6850, 0.3148, 0.3079



9.4035, 0.3382, 0.1637



0.3717, 0.3336, 0.1612

Previews

White Background



This preview shows how the Yxy color 15.9984, 0.3335, 0.1743 looks on a white background.

Color Contrast Check

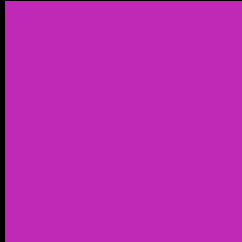
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9984, 0.3335, 0.1743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

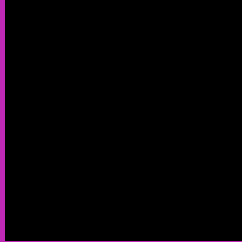
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9984, 0.3335, 0.1743

Background



This preview shows how black text looks on a background with the Yxy color 15.9984, 0.3335, 0.1743.



This preview shows how white text looks on a background with the Yxy color 15.9984, 0.3335, 0.1743.

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

15.9984, 0.3335, 0.1743

Protanopia

16.4383, 0.1737, 0.1454

Deuteranopia

16.3676, 0.2262, 0.2215



Tritanopia

16.0558, 0.4713, 0.3227

Trichromacy



Original Color

15.9984, 0.3335, 0.1743



Protanomaly

12.3593, 0.1870, 0.1320



Deuteranomaly

13.8883, 0.2538, 0.1847



Tritanomaly

15.4268, 0.4222, 0.2582

Monochromacy



Original Color

15.9984, 0.3335, 0.1743



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

12.4443, 0.3216, 0.2383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9984, 0.3335, 0.1743 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, 41, 181)` looks like.

```
.text, #text, p{  
    color:rgb(191, 41, 181)  
}
```

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, 41, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 41, 181) }
```

Border

The CSS property to change the border of an element to Yxy 15.9984, 0.3335, 0.1743 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, 41, 181) }
```

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

```
.border{ border-color:rgb(191, 41, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 41, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 41, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 41, 181);  
box-shadow:4px 4px 4px 4px rgb(191, 41,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9984, 0.3335, 0.1743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 41, 181) }
```

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

```
.background{ background-color: rgb(191, 41,  
181) }
```

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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