

Converting Colors

$Y_{xy}(14.9515, 0.3358, 0.1813)$

Have a look what the booklet for
Yxy(14.9515, 0.3358, 0.1813)
contains.

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Color

Yxy(14.9184, 0.3351, 0.1808)

Conversions

Conversions Part 1

Format	Color
Hex	B62FAB
RGB	182, 47, 171
RGB Percent	71%, 18%, 67%
CMY	0.2864, 0.8154, 0.3295
CMYK	0.00, 0.74, 0.06, 0.29
HSL	305°, 59%, 45%
HSV	305°, 74%, 71%
XYZ	27.6502, 14.9184, 39.9447
YIQ	101.5010, 40.6560, 67.1840

Conversions

Conversions Part 2

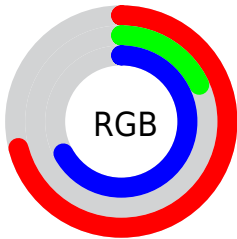
Format	Color
R_{YB}	182, 47, 171
Decimal	11939755
CIE _{Lab}	45.52, 66.12, -37.10
CIE _{LCh}	46, 75.817, 330.702
Yxy	14.9184, 0.3351, 0.1808
Android (android.graphics.Color)	4290129835 (0xFFB62FAB)
YUV	101.5010, 34.2630, 70.5976
Hunter-Lab	38.6243, 60.1911, -34.2797

Details

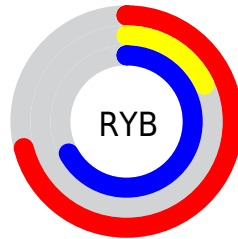
The Yxy color **14.9184, 0.3351, 0.1808** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **34.3508, 0.2978, 0.5481**, and the grayscale version is **13.0605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7622, 0.3325, 0.2086**, and **5.6680, 0.3350, 0.1619** is the 20% darker color. If you saturate the color by 10%, you get **13.6967, 0.3381, 0.1720**, and if you desaturate by 10%, it is **16.7487, 0.3319, 0.1938**.

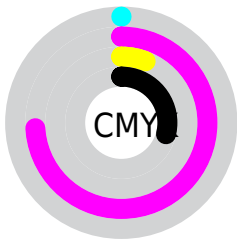
Distribution



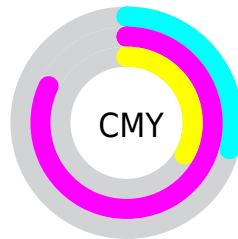
- Red (71%)
- Green (18%)
- Blue (67%)



- Red (71%)
- Yellow (18%)
- Blue (67%)



- Cyan (0%)
- Magenta (74%)
- Yellow (6%)
- Black (29%)




- Cyan (29%)
- Magenta (82%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9184, 0.3351, 0.1808 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 14.9184, 0.3351, 0.1808 by changing the saturation by 10% instead.


 14.9184, 0.3351,
0.1808


 14.9184, 0.3351,
0.1808


222.8718, 0.3262,
0.2570


 8.7621, 0.3362,
0.1618


 34.7100, 0.3326,
0.2086


 4.5864, 0.3366,
0.1379


 49.1141, 0.3315,
0.2191


 2.0067, 0.3354,
0.1074


 67.0362, 0.3304,
0.2279

 0.6113, 0.3307,
0.0663

 88.8608, 0.3294,
0.2354

 0.0000, 0.3193,
0.0000

 114.9723, 0.3285,
0.2419

 0.0000, 0.0965,
0.0000

 145.7550, 0.3277,

 0.0000, 0.0000,

0.2476

0.0000

181.5934, 0.3269,
0.2526

■ 14.9184, 0.3351,
0.1808

■ 14.9184, 0.3351,
0.1808

■ 13.6967, 0.3381,
0.1720

■ 16.7487, 0.3319,
0.1938

■ 13.0004, 0.3409,
0.1674

■ 19.2526, 0.3286,
0.2105

■ 12.7359, 0.3424,
0.1660

■ 22.4891, 0.3252,
0.2302

■ 26.5102, 0.3220,
0.2518

■ 31.3633, 0.3190,
0.2745

■ 37.0918, 0.3162,
0.2974

■ 43.7362, 0.3137,
0.3199

■ 51.3346, 0.3114,
0.3416

■ 59.9228, 0.3094,
0.3620

Harmonies

Analogous

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



14.9184, 0.2040, 0.1426



14.9184, 0.3351, 0.1808



14.9184, 0.4952, 0.2450

Triad

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



14.9184, 0.3351, 0.1808



14.9184, 0.4816, 0.5120



14.9184, 0.0976, 0.2394

Complementary

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



14.9184, 0.3351, 0.1808



34.3508, 0.2978, 0.5481

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.



14.9184, 0.1405, 0.4059



14.9184, 0.3351, 0.1808



14.9184, 0.3579, 0.6045

Square

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



14.9184, 0.3351, 0.1808



14.9184, 0.5709, 0.4056



14.9184, 0.2363, 0.5878



14.9184, 0.0966, 0.1597

Rectangle

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



14.9184, 0.3351, 0.1808



14.9184, 0.5709, 0.2950



14.9184, 0.2363, 0.5878



14.9184, 0.1063, 0.2846

Sweetspot

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



14.9191, 0.3351, 0.1808



58.5965, 0.3185, 0.2785



6.2577, 0.1783, 0.1006



12.3673, 0.3193, 0.2723



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



14.9191, 0.3351, 0.1808



23.9395, 0.3399, 0.1686



13.0100, 0.4512, 0.2566



9.1498, 0.3150, 0.3083



9.0033, 0.3422, 0.1659



0.3211, 0.3361, 0.1625

Inverse Universe

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



14.9191, 0.3351, 0.1808



23.9395, 0.3399, 0.1686



35.4877, 0.2635, 0.4348



9.1498, 0.3150, 0.3083



9.0033, 0.3422, 0.1659



0.3211, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 14.9184, 0.3351, 0.1808 looks on a white background.

Color Contrast Check

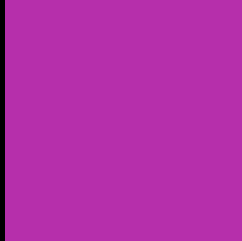
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9184, 0.3351, 0.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

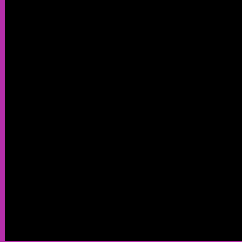
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9184, 0.3351, 0.1808

Background



This preview shows how black text looks on a background with the Yxy color 14.9184, 0.3351, 0.1808.



This preview shows how white text looks on a background with the Yxy color 14.9184, 0.3351, 0.1808.

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

14.9184, 0.3351, 0.1808

Protanopia

15.4309, 0.1739, 0.1461

Deuteranopia

15.2186, 0.2317, 0.2269



Tritanopia

14.9575, 0.4636, 0.3223

Trichromacy



Original Color

14.9184, 0.3351, 0.1808



Protanomaly

11.8585, 0.1881, 0.1367



Deuteranomaly

13.3653, 0.2609, 0.1952



Tritanomaly

14.4822, 0.4161, 0.2619

Monochromacy



Original Color

14.9184, 0.3351, 0.1808



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

12.3922, 0.3228, 0.2468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9184, 0.3351, 0.1808 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(182, 47, 171)` looks like.

```
.text, #text, p{  
  color:rgb(182, 47, 171)  
}
```

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(182, 47, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 47, 171) }
```

Border

The CSS property to change the border of an element to Yxy 14.9184, 0.3351, 0.1808 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(182, 47, 171) }
```

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

```
.border{ border-color:rgb(182, 47, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 47, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 47, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 47, 171);  
box-shadow:4px 4px 4px 4px rgb(182, 47,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9184, 0.3351, 0.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 47, 171) }
```

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

```
.background{ background-color: rgb(182, 47,  
171) }
```

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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