

Converting Colors

$Y_{xy}(14.3129, 0.3477, 0.1860)$

Have a look what the booklet for
Yxy(14.3129, 0.3477, 0.1860)
contains.

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Color

Yxy(14.3172, 0.3472, 0.1857)

Conversions

Conversions Part 1

Format	Color
Hex	B62BA3
RGB	182, 43, 163
RGB Percent	71%, 17%, 64%
CMY	0.2862, 0.8314, 0.3607
CMYK	0.00, 0.76, 0.10, 0.29
HSL	308°, 62%, 44%
HSV	308°, 76%, 71%
XYZ	26.7686, 14.3172, 36.0127
YIQ	98.2410, 44.3240, 66.7880

Conversions

Conversions Part 2

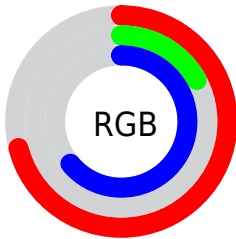
Format	Color
R_{YB}	182, 43, 163
Decimal	11938723
CIE _{Lab}	44.68, 66.17, -33.68
CIE _{LCh}	45, 74.252, 333.022
Yxy	14.3172, 0.3472, 0.1857
Android (android.graphics.Color)	4290128803 (0xFFB62BA3)
YUV	98.2410, 31.9262, 73.4566
Hunter-Lab	37.8381, 60.0635, -29.9431

Details

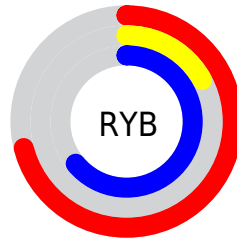
The Yxy color **14.3172, 0.3472, 0.1857** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **34.3194, 0.2946, 0.5438**, and the grayscale version is **12.1871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6634, 0.3420, 0.2137**, and **5.5077, 0.3502, 0.1703** is the 20% darker color. If you saturate the color by 10%, you get **13.1889, 0.3522, 0.1785**, and if you desaturate by 10%, it is **16.0387, 0.3420, 0.1972**.

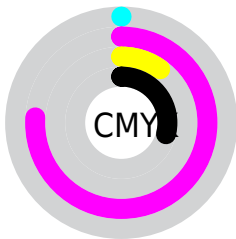
Distribution



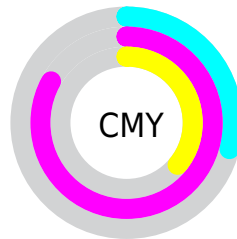
- Red (71%)
- Green (17%)
- Blue (64%)



- Red (71%)
- Yellow (17%)
- Blue (64%)



- Cyan (0%)
- Magenta (76%)
- Yellow (10%)
- Black (29%)





- Cyan (29%)
- Magenta (83%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3172, 0.3472, 0.1857 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 14.3172, 0.3472, 0.1857 by changing the saturation by 10% instead.


 14.3172, 0.3472,
0.1857

 14.3172, 0.3472,
0.1857


219.1953, 0.3310,
0.2603


 8.3416, 0.3505,
0.1667


 33.6508, 0.3418,
0.2132


 4.3143, 0.3540,
0.1426


 47.7776, 0.3396,
0.2235


 1.8509, 0.3573,
0.1113


 65.3903, 0.3377,
0.2321

 0.5186, 0.3604,
0.0656

 86.8732, 0.3360,
0.2394

 0.0000, 0.3582,
0.0000

 112.6108, 0.3345,
0.2458

 0.0000, 0.0074,
0.0000

 142.9874, 0.3332,

 0.0000, 0.0000,

0.2512

0.0000

178.3874, 0.3321,
0.2561

■ 14.3172, 0.3472,
0.1857

■ 14.3172, 0.3472,
0.1857

■ 13.1889, 0.3522,
0.1785

■ 16.0387, 0.3420,
0.1972

■ 12.5592, 0.3570,
0.1755

■ 18.4211, 0.3367,
0.2126

■ 12.3853, 0.3587,
0.1749

■ 21.5252, 0.3316,
0.2309

■ 25.4043, 0.3268,
0.2512

■ 30.1067, 0.3224,
0.2726

■ 35.6766, 0.3183,
0.2944

■ 42.1554, 0.3148,
0.3158

■ 49.5815, 0.3116,
0.3363

■ 57.9913, 0.3089,
0.3558

Harmonies

Analogous

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



14.3172, 0.2126, 0.1453



14.3172, 0.3472, 0.1857



14.3172, 0.5048, 0.2512

Triad

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



14.3172, 0.3472, 0.1857



14.3172, 0.4725, 0.5201



14.3172, 0.0972, 0.2313

Complementary

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



14.3172, 0.3472, 0.1857



34.3194, 0.2946, 0.5438

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.



14.3172, 0.1363, 0.3898



14.3172, 0.3472, 0.1857



14.3172, 0.3487, 0.6074

Square

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



14.3172, 0.3472, 0.1857



14.3172, 0.5649, 0.4132



14.3172, 0.2283, 0.5761



14.3172, 0.0987, 0.1571

Rectangle

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



14.3172, 0.3472, 0.1857



14.3172, 0.5748, 0.3014



14.3172, 0.2283, 0.5761



14.3172, 0.1049, 0.2737

Sweetspot

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



14.3179, 0.3472, 0.1857



57.4312, 0.3211, 0.2791



6.1134, 0.1810, 0.0982



11.9286, 0.3226, 0.2713



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.



14.3179, 0.3472, 0.1857



23.0175, 0.3557, 0.1760



12.4803, 0.4771, 0.2685



9.1411, 0.3158, 0.3095



8.7529, 0.3582, 0.1747



0.3144, 0.3472, 0.1686

Inverse Universe

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



14.3179, 0.3472, 0.1857



23.0175, 0.3557, 0.1760



35.6114, 0.2578, 0.4207



9.1411, 0.3158, 0.3095



8.7529, 0.3582, 0.1747



0.3144, 0.3472, 0.1686

Previews

White Background



This preview shows how the Yxy color 14.3172, 0.3472, 0.1857 looks on a white background.

Color Contrast Check

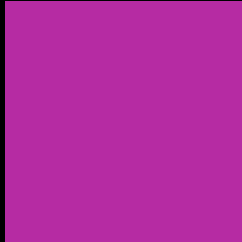
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3172, 0.3472, 0.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

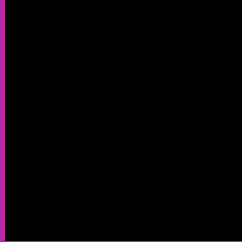
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3172, 0.3472, 0.1857

Background



This preview shows how black text looks on a background with the Yxy color 14.3172, 0.3472, 0.1857.



This preview shows how white text looks on a background with the Yxy color 14.3172, 0.3472, 0.1857.

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

14.3172, 0.3472, 0.1857

Protanopia

14.8264, 0.1779, 0.1504

Deuteranopia

14.6674, 0.2398, 0.2358



Tritanopia

14.3138, 0.4780, 0.3225

Trichromacy



Original Color

14.3172, 0.3472, 0.1857



Protanomaly

11.7094, 0.2014, 0.1431



Deuteranomaly

12.7584, 0.2713, 0.2012



Tritanomaly

13.8965, 0.4310, 0.2649

Monochromacy



Original Color

14.3172, 0.3472, 0.1857



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

11.5210, 0.3278, 0.2470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3172, 0.3472, 0.1857 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, 43, 163)` looks like.

```
.text, #text, p{  
    color:rgb(182, 43, 163)  
}
```

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, 43, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 43, 163) }
```

Border

The CSS property to change the border of an element to Yxy 14.3172, 0.3472, 0.1857 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, 43, 163) }
```

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

```
.border{ border-color:rgb(182, 43, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 43, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 43, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 43, 163);  
box-shadow:4px 4px 4px 4px rgb(182, 43,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3172, 0.3472, 0.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 43, 163) }
```

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

```
.background{ background-color: rgb(182, 43,  
163) }
```

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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