

Converting Colors

$Y_{xy}(17.1611, 0.3521, 0.2176)$

Have a look what the booklet for
Yxy(17.1611, 0.3521, 0.2176)
contains.

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Color

Yxy(17.1445, 0.3530, 0.2180)

Conversions

Conversions Part 1

Format	Color
Hex	B6499D
RGB	182, 73, 157
RGB Percent	71%, 29%, 62%
CMY	0.2862, 0.7137, 0.3844
CMYK	0.00, 0.60, 0.14, 0.29
HSL	314°, 43%, 50%
HSV	314°, 60%, 71%
XYZ	27.7615, 17.1445, 33.7385
YIQ	115.1670, 38.0000, 49.2320

Conversions

Conversions Part 2

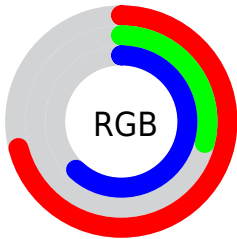
Format	Color
R_{YB}	182, 73, 157
Decimal	11946397
CIE _{Lab}	48.44, 53.98, -24.23
CIE _{LCh}	48, 59.169, 335.825
Yxy	17.1445, 0.3530, 0.2180
Android (android.graphics.Color)	4290136477 (0xFFB6499D)
YUV	115.1670, 20.6237, 58.6125
Hunter-Lab	41.4059, 47.2189, -19.3267

Details

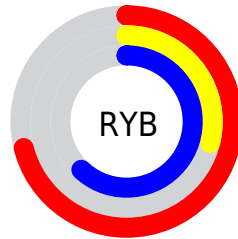
The Yxy color **17.1445, 0.3530, 0.2180** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **35.7609, 0.2900, 0.4783**, and the grayscale version is **17.1251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4575, 0.3449, 0.2394**, and **5.6075, 0.3659, 0.1827** is the 20% darker color. If you saturate the color by 10%, you get **14.9534, 0.3620, 0.2052**, and if you desaturate by 10%, it is **20.0419, 0.3444, 0.2340**.

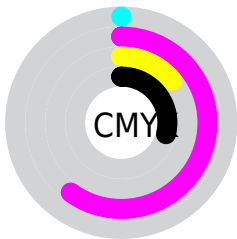
Distribution



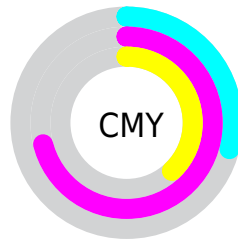
- Red (71%)
- Green (29%)
- Blue (62%)



- Red (71%)
- Yellow (29%)
- Blue (62%)



- Cyan (0%)
- Magenta (60%)
- Yellow (14%)
- Black (29%)




- Cyan (29%)
- Magenta (71%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1445, 0.3530, 0.2180 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 17.1445, 0.3530, 0.2180 by changing the saturation by 10% instead.


 17.1445, 0.3530,
0.2180


 17.1445, 0.3530,
0.2180


236.0037, 0.3322,
0.2766


 10.3376, 0.3583,
0.2025


 38.5741, 0.3454,
0.2400


 5.6233, 0.3650,
0.1823


 53.9655, 0.3425,
0.2480

 2.6174, 0.3737,
0.1550


 72.9872, 0.3401,
0.2548

 0.9354, 0.3849,
0.1171

 96.0235, 0.3381,
0.2605

 0.0000, 0.4252,
0.0000

 123.4590, 0.3363,
0.2654

 0.0000, 0.2523,
0.0000

155.6779, 0.3348,

 0.0000, 0.0000,

0.2696

0.0000

193.0647, 0.3334,
0.2733

■ 17.1445, 0.3530,
0.2180

■ 17.1445, 0.3530,
0.2180

■ 14.9534, 0.3620,
0.2052

■ 20.0419, 0.3444,
0.2340

■ 13.4030, 0.3711,
0.1963

■ 23.6986, 0.3365,
0.2521

■ 12.4198, 0.3802,
0.1920

■ 28.1654, 0.3293,
0.2714

■ 11.8526, 0.3889,
0.1917

■ 33.4879, 0.3230,
0.2911

■ 11.8472, 0.3890,
0.1917

■ 39.7085, 0.3174,
0.3105

■ 46.8666, 0.3127,
0.3292

■ 54.9992, 0.3086,
0.3469

■ 64.1415, 0.3052,
0.3634

■ 74.3268, 0.3023,
0.3787

Harmonies

Analogous

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



17.1445, 0.2437, 0.1802



17.1445, 0.3530, 0.2180



17.1445, 0.4682, 0.2767

Triad

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



17.1445, 0.3530, 0.2180



17.1445, 0.4443, 0.4992



17.1445, 0.1347, 0.2503

Complementary

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



17.1445, 0.3530, 0.2180



35.7609, 0.2900, 0.4783

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.



17.1445, 0.1698, 0.3649



17.1445, 0.3530, 0.2180



17.1445, 0.3470, 0.5443

Square

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



17.1445, 0.3530, 0.2180



17.1445, 0.5155, 0.4220



17.1445, 0.2464, 0.4956



17.1445, 0.1365, 0.1889

Rectangle

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



17.1445, 0.3530, 0.2180



17.1445, 0.5186, 0.3224



17.1445, 0.2464, 0.4956



17.1445, 0.1419, 0.2827

Sweetspot

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



17.1453, 0.3530, 0.2180



62.3858, 0.3220, 0.2942



10.6628, 0.2187, 0.1484



13.1064, 0.3238, 0.2885



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.



17.1453, 0.3530, 0.2180



26.0489, 0.3650, 0.2017



15.7086, 0.4418, 0.2872



9.1265, 0.3172, 0.3116



8.3753, 0.3881, 0.1911



0.3040, 0.3675, 0.1798

Inverse Universe

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



17.1453, 0.3530, 0.2180



26.0489, 0.3650, 0.2017



37.1171, 0.2575, 0.3812



9.1265, 0.3172, 0.3116



8.3753, 0.3881, 0.1911



0.3040, 0.3675, 0.1798

Previews

White Background



This preview shows how the Yxy color 17.1445, 0.3530, 0.2180 looks on a white background.

Color Contrast Check

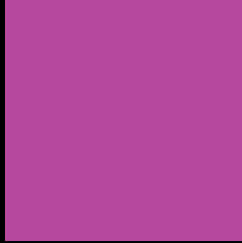
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1445, 0.3530, 0.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

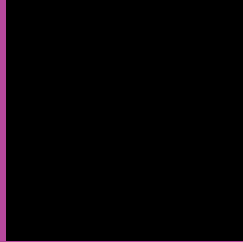
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1445, 0.3530, 0.2180

Background



This preview shows how black text looks on a background with the Yxy color 17.1445, 0.3530, 0.2180.



This preview shows how white text looks on a background with the Yxy color 17.1445, 0.3530, 0.2180.

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

17.1445, 0.3530, 0.2180

Protanopia

17.4593, 0.2165, 0.1996

Deuteranopia

17.4248, 0.2666, 0.2624



Tritanopia

17.2011, 0.4388, 0.3206

Trichromacy



Original Color

17.1445, 0.3530, 0.2180



Protanomaly

15.9428, 0.2512, 0.1987



Deuteranomaly

16.3745, 0.2936, 0.2380



Tritanomaly

16.9595, 0.4067, 0.2790

Monochromacy



Original Color

17.1445, 0.3530, 0.2180



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

16.2150, 0.3278, 0.2763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1445, 0.3530, 0.2180 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, 73, 157)` looks like.

```
.text, #text, p{  
  color:rgb(182, 73, 157)  
}
```

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, 73, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 73, 157) }
```

Border

The CSS property to change the border of an element to Yxy 17.1445, 0.3530, 0.2180 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, 73, 157) }
```

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

```
.border{ border-color:rgb(182, 73, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 73, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 73, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 73, 157); box-shadow:4px 4px 4px 4px rgb(182, 73, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1445, 0.3530, 0.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 73, 157) }
```

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

```
.background{ background-color: rgb(182, 73,  
157) }
```

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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