

Converting Colors

$Y_{xy}(18.2679, 0.3065, 0.2300)$

Have a look what the booklet for
Yxy(18.2679, 0.3065, 0.2300)
contains.

Yxy(18.2497, 0.3059, 0.2297)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.2497, 0.3059, 0.2297)

Conversions

Conversions Part 1

Format	Color
Hex	9A62A3
RGB	154, 98, 163
RGB Percent	60%, 38%, 64%
CMY	0.3961, 0.6157, 0.3607
CMYK	0.06, 0.40, 0.00, 0.36
HSL	292°, 26%, 51%
HSV	292°, 40%, 64%
XYZ	24.3038, 18.2497, 36.8967
YIQ	122.1540, 12.5110, 32.0870

Conversions

Conversions Part 2

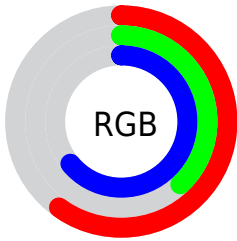
Format	Color
R_{YB}	154, 98, 163
Decimal	10117795
CIE _{Lab}	49.80, 33.75, -25.99
CIE _{LCh}	50, 42.596, 322.398
Yxy	18.2497, 0.3059, 0.2297
Android (android.graphics.Color)	4288307875 (0xFF9A62A3)
YUV	122.1540, 20.1371, 27.9289
Hunter-Lab	42.7197, 26.7917, -21.3046

Details

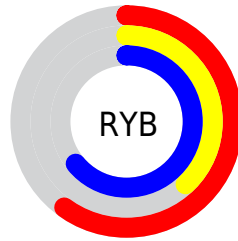
The Yxy color $18.2497, 0.3059, 0.2297$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $30.2079, 0.3150, 0.4453$, and the grayscale version is $19.4455, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.4300, 0.3081, 0.2499$, and $6.1110, 0.2994, 0.1960$ is the 20% darker color. If you saturate the color by 10%, you get $15.2842, 0.3033, 0.2060$, and if you desaturate by 10%, it is $21.8422, 0.3082, 0.2547$.

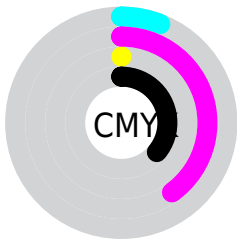
Distribution



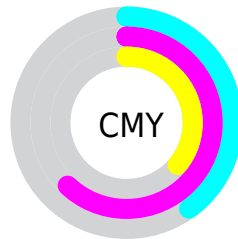
- Red (60%)
- Green (38%)
- Blue (64%)



- Red (60%)
- Yellow (38%)
- Blue (64%)



- Cyan (6%)
- Magenta (40%)
- Yellow (0%)
- Black (36%)




- Cyan (40%)
- Magenta (62%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2497, 0.3059, 0.2297 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 18.2497, 0.3059, 0.2297 by changing the saturation by 10% instead.


 18.2497, 0.3059,
0.2297


 18.2497, 0.3059,
0.2297


242.2747, 0.3113,
0.2827


 11.1294, 0.3037,
0.2155


 40.4623, 0.3084,
0.2497


 6.1539, 0.3002,
0.1967


 56.3235, 0.3092,
0.2570

 2.9389, 0.2943,
0.1711

 75.8670, 0.3098,
0.2631

 1.0999, 0.2831,
0.1345

 99.4774, 0.3102,
0.2682

 0.0000, 0.2811,
0.0000

127.5390, 0.3106,
0.2726

 0.0000, 0.0000,
0.0000

160.4361, 0.3108,

0.2764

198.5532, 0.3111,
0.2797

■ 18.2497, 0.3059,
0.2297

■ 18.2497, 0.3059,
0.2297

■ 15.2842, 0.3033,
0.2060

■ 21.8422, 0.3082,
0.2547

■ 12.9053, 0.3003,
0.1845

■ 26.0941, 0.3100,
0.2802

■ 11.0717, 0.2970,
0.1662


■ 31.0385, 0.3116,
0.3052


■ 9.7356, 0.2936,
0.1519


■ 36.7053, 0.3127,
0.3293


■ 8.8410, 0.2900,
0.1419


■ 43.1229, 0.3136,
0.3520


 8.2604, 0.2865,
0.1352

 50.3181, 0.3142,
0.3732

 8.2536, 0.2864,
0.1351

 58.3163, 0.3147,
0.3927

 67.1419, 0.3149,
0.4105

 76.8181, 0.3150,
0.4267

Harmonies

Analogous

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



18.2497, 0.2347, 0.2090



18.2497, 0.3059, 0.2297



18.2497, 0.3895, 0.2702

Triad

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



18.2497, 0.3059, 0.2297



18.2497, 0.4427, 0.4390



18.2497, 0.1877, 0.3093

Complementary

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



18.2497, 0.3059, 0.2297



30.2079, 0.3150, 0.4453

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.



18.2497, 0.2325, 0.3967



18.2497, 0.3059, 0.2297



18.2497, 0.3794, 0.4763

Square

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



18.2497, 0.3059, 0.2297



18.2497, 0.4730, 0.3826



18.2497, 0.3025, 0.4654



18.2497, 0.1741, 0.2445

Rectangle

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



18.2497, 0.3059, 0.2297



18.2497, 0.4370, 0.3049



18.2497, 0.3025, 0.4654



18.2497, 0.1992, 0.3373

Sweetspot

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



18.2505, 0.3059, 0.2297



53.3879, 0.3112, 0.2994



15.9161, 0.2436, 0.2282



11.7407, 0.3111, 0.2963



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



18.2505, 0.3059, 0.2297



27.8447, 0.3035, 0.2082



18.4257, 0.3469, 0.2638



7.1521, 0.3116, 0.3067



6.4283, 0.2867, 0.1353



0.1479, 0.3000, 0.1426

Inverse Universe

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



17.5868, 0.3961, 0.3148



26.5687, 0.4259, 0.3119



30.1699, 0.2898, 0.4053



7.1012, 0.3264, 0.3259



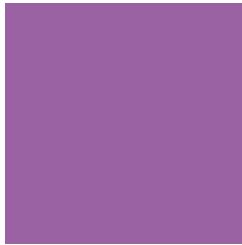
6.1027, 0.6183, 0.3180



0.1326, 0.5469, 0.2786

Previews

White Background



This preview shows how the Yxy color 18.2497, 0.3059, 0.2297 looks on a white background.

Color Contrast Check

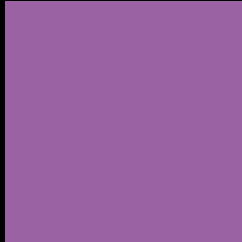
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2497, 0.3059, 0.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

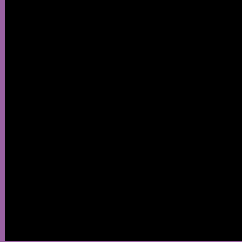
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.2497, 0.3059, 0.2297

Background



This preview shows how black text looks on a background with the Yxy color 18.2497, 0.3059, 0.2297.



This preview shows how white text looks on a background with the Yxy color 18.2497, 0.3059, 0.2297.

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

18.2497, 0.3059, 0.2297

Protanopia

18.5336, 0.2352, 0.2243

Deuteranopia

18.4139, 0.2591, 0.2537



Tritanopia

18.2820, 0.3576, 0.3154

Trichromacy



Original Color

18.2497, 0.3059, 0.2297

Protanomaly

18.0205, 0.2557, 0.2237

Deuteranomaly

18.0499, 0.2750, 0.2436

Tritanomaly

18.0781, 0.3381, 0.2808

Monochromacy



Original Color

18.2497, 0.3059, 0.2297

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6847, 0.3109, 0.2868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2497, 0.3059, 0.2297 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(154, 98, 163)` looks like.

```
.text, #text, p{  
    color:rgb(154, 98, 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(154, 98, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 98, 163) }
```

Border

The CSS property to change the border of an element to Yxy 18.2497, 0.3059, 0.2297 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(154, 98, 163) }
```

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

```
.border{ border-color:rgb(154, 98, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 98, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 98, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 98, 163);  
box-shadow:4px 4px 4px 4px rgb(154, 98,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2497, 0.3059, 0.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 98, 163) }
```

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

```
.background{ background-color: rgb(154, 98,  
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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