

Converting Colors

$Y_{xy}(17.9629, 0.3246, 0.2367)$

Have a look what the booklet for
Yxy(17.9629, 0.3246, 0.2367)
contains.

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Color

Yxy(17.9490, 0.3250, 0.2370)

Conversions

Conversions Part 1

Format	Color
Hex	A15E9B
RGB	161, 94, 155
RGB Percent	63%, 37%, 61%
CMY	0.3687, 0.6313, 0.3922
CMYK	0.00, 0.42, 0.04, 0.37
HSL	305°, 26%, 50%
HSV	305°, 42%, 63%
XYZ	24.6136, 17.9490, 33.1716
YIQ	120.9870, 20.3510, 33.1750

Conversions

Conversions Part 2

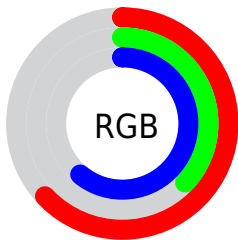
Format	Color
R_{YB}	161, 94, 155
Decimal	10575515
CIE _{Lab}	49.43, 36.66, -21.76
CIE _{LCh}	49, 42.627, 329.308
Yxy	17.9490, 0.3250, 0.2370
Android (android.graphics.Color)	4288765595 (0xFFA15E9B)
YUV	120.9870, 16.7684, 35.0914
Hunter-Lab	42.3663, 29.5625, -16.7660

Details

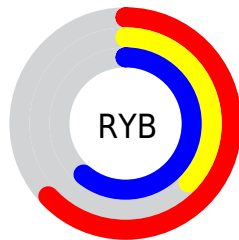
The Yxy color **17.9490, 0.3250, 0.2370** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.7851, 0.3024, 0.4427**, and the grayscale version is **19.0568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9626, 0.3228, 0.2553**, and **6.0644, 0.3267, 0.2059** is the 20% darker color. If you saturate the color by 10%, you get **15.3305, 0.3285, 0.2170**, and if you desaturate by 10%, it is **21.1669, 0.3217, 0.2587**.

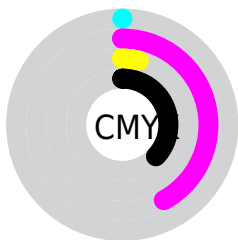
Distribution



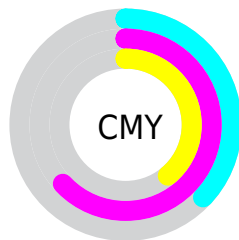
- Red (63%)
- Green (37%)
- Blue (61%)



- Red (63%)
- Yellow (37%)
- Blue (61%)



- Cyan (0%)
- Magenta (42%)
- Yellow (4%)
- Black (37%)




- Cyan (37%)
- Magenta (63%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9490, 0.3250, 0.2370 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 17.9490, 0.3250, 0.2370 by changing the saturation by 10% instead.


 17.9490, 0.3250,
0.2370


 17.9490, 0.3250,
0.2370


240.5834, 0.3194,
0.2864


 10.9134, 0.3261,
0.2236


 39.9504, 0.3232,
0.2558


 6.0086, 0.3271,
0.2057


 55.6850, 0.3224,
0.2626

 2.8503, 0.3278,
0.1809

 75.0880, 0.3218,
0.2682

 1.0541, 0.3270,
0.1448

 98.5438, 0.3212,
0.2730

 0.0000, 0.3516,
0.0000

126.4369, 0.3207,
0.2771

 0.0000, 0.0000,
0.0000

159.1516, 0.3202,

0.2806

197.0723, 0.3198,
0.2837

■ 17.9490, 0.3250,
0.2370

■ 17.9490, 0.3250,
0.2370

■ 15.3305, 0.3285,
0.2170

■ 21.1669, 0.3217,
0.2587

■ 13.2714, 0.3321,
0.1996

■ 25.0158, 0.3185,
0.2811

■ 11.7311, 0.3356,
0.1855


■ 29.5282, 0.3157,
0.3036


■ 10.6619, 0.3389,
0.1755

■ 34.7337, 0.3131,
0.3256


■ 10.0080, 0.3421,
0.1697

■ 40.6598, 0.3108,
0.3465

 9.6685, 0.3445,
0.1672

 47.3329, 0.3088,
0.3663

 54.7777, 0.3071,
0.3846

 63.0181, 0.3056,
0.4015

 72.0767, 0.3043,
0.4170

Harmonies

Analogous

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



17.9490, 0.2486, 0.2111



17.9490, 0.3250, 0.2370



17.9490, 0.4080, 0.2814

Triad

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



17.9490, 0.3250, 0.2370



17.9490, 0.4309, 0.4509



17.9490, 0.1812, 0.2912

Complementary

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



17.9490, 0.3250, 0.2370



28.7851, 0.3024, 0.4427

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.



17.9490, 0.2189, 0.3766



17.9490, 0.3250, 0.2370



17.9490, 0.3623, 0.4801

Square

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



17.9490, 0.3250, 0.2370



17.9490, 0.4708, 0.3964



17.9490, 0.2847, 0.4549



17.9490, 0.1746, 0.2337

Rectangle

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



17.9490, 0.3250, 0.2370



17.9490, 0.4505, 0.3177



17.9490, 0.2847, 0.4549



17.9490, 0.1902, 0.3176

Sweetspot

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



17.9498, 0.3250, 0.2370



52.3520, 0.3158, 0.3022



13.2673, 0.2431, 0.2061



11.2578, 0.3162, 0.2996



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.9498, 0.3250, 0.2370



27.7395, 0.3283, 0.2182



16.9868, 0.3720, 0.2846



7.1912, 0.3150, 0.3088



7.7267, 0.3443, 0.1670



0.1653, 0.3349, 0.1619

Inverse Universe

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



17.9498, 0.3250, 0.2370



27.7395, 0.3283, 0.2182



29.5604, 0.2771, 0.3792



7.1912, 0.3150, 0.3088



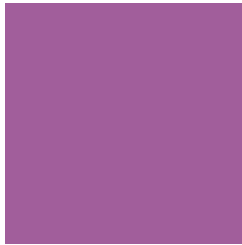
7.7267, 0.3443, 0.1670



0.1653, 0.3349, 0.1619

Previews

White Background



This preview shows how the Yxy color 17.9490, 0.3250, 0.2370 looks on a white background.

Color Contrast Check

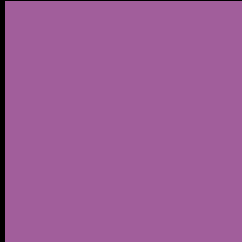
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9490, 0.3250, 0.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

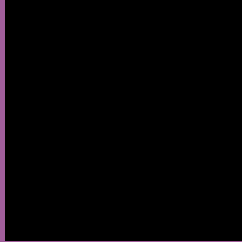
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9490, 0.3250, 0.2370

Background



This preview shows how black text looks on a background with the Yxy color 17.9490, 0.3250, 0.2370.



This preview shows how white text looks on a background with the Yxy color 17.9490, 0.3250, 0.2370.

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

17.9490, 0.3250, 0.2370

Protanopia

18.1787, 0.2409, 0.2311

Deuteranopia

18.1699, 0.2703, 0.2653



Tritanopia

17.9161, 0.3779, 0.3159

Trichromacy



Original Color

17.9490, 0.3250, 0.2370

Protanomaly

17.6159, 0.2657, 0.2309

Deuteranomaly

17.7379, 0.2889, 0.2533

Tritanomaly

17.9157, 0.3583, 0.2855

Monochromacy



Original Color

17.9490, 0.3250, 0.2370

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2966, 0.3184, 0.2903

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9490, 0.3250, 0.2370 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(161, 94, 155)` looks like.

```
.text, #text, p{  
    color:rgb(161, 94, 155)  
}
```

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(161, 94, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 94, 155) }
```

Border

The CSS property to change the border of an element to Yxy 17.9490, 0.3250, 0.2370 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(161, 94, 155) }
```

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

```
.border{ border-color:rgb(161, 94, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 94, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 94, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 94, 155);  
box-shadow:4px 4px 4px 4px rgb(161, 94,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9490, 0.3250, 0.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 94, 155) }
```

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

```
.background{ background-color: rgb(161, 94,  
155) }
```

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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