

Converting Colors

$Y_{xy}(17.9481, 0.3199, 0.2327)$

Have a look what the booklet for
Yxy(17.9481, 0.3199, 0.2327)
contains.

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Color

Yxy(17.9476, 0.3199, 0.2327)

Conversions

Conversions Part 1

Format	Color
Hex	A05E9E
RGB	160, 94, 158
RGB Percent	63%, 37%, 62%
CMY	0.3725, 0.6314, 0.3804
CMYK	0.00, 0.41, 0.01, 0.37
HSL	302°, 26%, 50%
HSV	302°, 41%, 63%
XYZ	24.6731, 17.9476, 34.5069
YIQ	121.0300, 18.7920, 33.8960

Conversions

Conversions Part 2

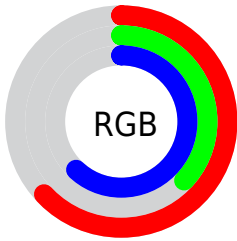
Format	Color
R_{YB}	160, 94, 158
Decimal	10509982
CIE _{Lab}	49.43, 36.92, -23.54
CIE _{LCh}	49, 43.788, 327.476
Yxy	17.9476, 0.3199, 0.2327
Android (android.graphics.Color)	4288700062 (0xFFA05E9E)
YUV	121.0300, 18.2262, 34.1767
Hunter-Lab	42.3646, 29.8203, -18.6378

Details

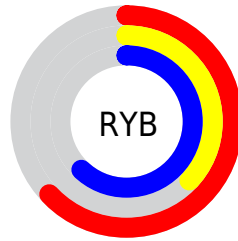
The Yxy color **17.9476, 0.3199, 0.2327** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.3720, 0.3054, 0.4489**, and the grayscale version is **19.0665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9608, 0.3192, 0.2520**, and **6.0432, 0.3207, 0.2018** is the 20% darker color. If you saturate the color by 10%, you get **15.3748, 0.3217, 0.2118**, and if you desaturate by 10%, it is **21.1120, 0.3181, 0.2554**.

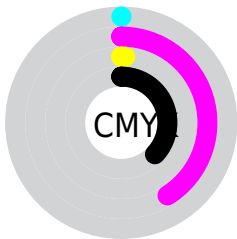
Distribution



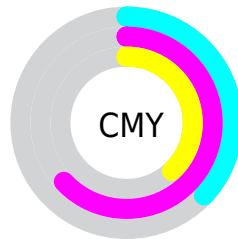
- Red (63%)
- Green (37%)
- Blue (62%)



- Red (63%)
- Yellow (37%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (37%)




- Cyan (37%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9476, 0.3199, 0.2327 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 17.9476, 0.3199, 0.2327 by changing the saturation by 10% instead.


 17.9476, 0.3199,
0.2327


 17.9476, 0.3199,
0.2327


240.5755, 0.3173,
0.2842


 10.9124, 0.3200,
0.2188


 39.9480, 0.3193,
0.2522


 6.0079, 0.3197,
0.2004


 55.6820, 0.3190,
0.2593

 2.8499, 0.3184,
0.1750

 75.0844, 0.3186,
0.2652

 1.0539, 0.3143,
0.1384

 98.5395, 0.3183,
0.2702

 0.0000, 0.3290,
0.0000

126.4318, 0.3181,
0.2745

 0.0000, 0.0000,
0.0000

159.1456, 0.3178,

0.2782

197.0654, 0.3176,
0.2814

■ 17.9476, 0.3199,
0.2327

■ 17.9476, 0.3199,
0.2327

■ 15.3748, 0.3217,
0.2118

■ 21.1120, 0.3181,
0.2554

■ 13.3544, 0.3235,
0.1936

■ 24.8993, 0.3163,
0.2791

■ 11.8465, 0.3251,
0.1789


■ 29.3412, 0.3145,
0.3029

■ 10.8045, 0.3265,
0.1683


■ 34.4667, 0.3129,
0.3261


■ 10.1736, 0.3277,
0.1617

■ 40.3031, 0.3114,
0.3484

 9.8454, 0.3286,
0.1584

 46.8762, 0.3101,
0.3694

 54.2104, 0.3089,
0.3890

 62.3291, 0.3078,
0.4070

 71.2546, 0.3068,
0.4234

Harmonies

Analogous

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



17.9476, 0.2429, 0.2077



17.9476, 0.3199, 0.2327



17.9476, 0.4057, 0.2770

Triad

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



17.9476, 0.3199, 0.2327



17.9476, 0.4370, 0.4505



17.9476, 0.1795, 0.2946

Complementary

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



17.9476, 0.3199, 0.2327



28.3720, 0.3054, 0.4489

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.



17.9476, 0.2199, 0.3836



17.9476, 0.3199, 0.2327



17.9476, 0.3679, 0.4837

Square

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



17.9476, 0.3199, 0.2327



17.9476, 0.4759, 0.3936



17.9476, 0.2884, 0.4622



17.9476, 0.1711, 0.2338

Rectangle

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



17.9476, 0.3199, 0.2327



17.9476, 0.4510, 0.3136



17.9476, 0.2884, 0.4622



17.9476, 0.1894, 0.3222

Sweetspot

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



17.9484, 0.3199, 0.2327



52.4245, 0.3147, 0.3006



12.9815, 0.2392, 0.2059



11.2753, 0.3149, 0.2977



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.



17.9484, 0.3199, 0.2327



28.0325, 0.3217, 0.2124



16.9841, 0.3646, 0.2782



6.7511, 0.3142, 0.3076



7.6689, 0.3286, 0.1584



0.1381, 0.3253, 0.1565

Inverse Universe

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



17.9484, 0.3199, 0.2327



28.0325, 0.3217, 0.2124



29.0884, 0.2807, 0.3871



6.7511, 0.3142, 0.3076



7.6689, 0.3286, 0.1584



0.1381, 0.3253, 0.1565

Previews

White Background



This preview shows how the Yxy color 17.9476, 0.3199, 0.2327 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 17.9476, 0.3199, 0.2327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

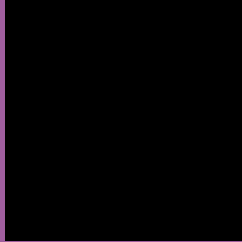
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9476, 0.3199, 0.2327

Background



This preview shows how black text looks on a background with the Yxy color 17.9476, 0.3199, 0.2327.



This preview shows how white text looks on a background with the Yxy color 17.9476, 0.3199, 0.2327.

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

17.9476, 0.3199, 0.2327

Protanopia

18.1826, 0.2370, 0.2265

Deuteranopia

18.1389, 0.2654, 0.2601



Tritanopia

17.9405, 0.3732, 0.3158

Trichromacy



Original Color

17.9476, 0.3199, 0.2327

Protanomaly

17.6546, 0.2619, 0.2265

Deuteranomaly

17.6809, 0.2834, 0.2483

Tritanomaly

17.7672, 0.3527, 0.2819

Monochromacy



Original Color

17.9476, 0.3199, 0.2327

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2410, 0.3159, 0.2884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9476, 0.3199, 0.2327 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(160, 94, 158)` looks like.

```
.text, #text, p{  
    color:rgb(160, 94, 158)  
}
```

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(160, 94, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 94, 158) }
```

Border

The CSS property to change the border of an element to Yxy 17.9476, 0.3199, 0.2327 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(160, 94, 158) }
```

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

```
.border{ border-color:rgb(160, 94, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 94, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 94, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 94, 158); box-shadow:4px 4px 4px 4px rgb(160, 94, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9476, 0.3199, 0.2327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 94, 158) }
```

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

```
.background{ background-color: rgb(160, 94,  
158) }
```

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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