

Converting Colors

$Y_{xy}(17.5609, 0.3373, 0.2672)$

Have a look what the booklet for
Yxy(17.5609, 0.3373, 0.2672)
contains.

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Color

Yxy(17.5021, 0.3376, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	996389
RGB	153, 99, 137
RGB Percent	60%, 39%, 54%
CMY	0.4000, 0.6117, 0.4627
CMYK	0.00, 0.35, 0.10, 0.40
HSL	318°, 21%, 49%
HSV	318°, 35%, 60%
XYZ	22.1134, 17.5021, 25.8863
YIQ	119.4780, 19.9860, 23.2660

Conversions

Conversions Part 2

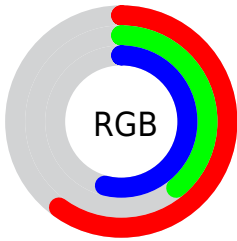
Format	Color
R_{YB}	153, 99, 137
Decimal	10052489
CIE Lab	48.89, 27.84, -12.03
CIE LCh	49, 30.325, 336.637
Yxy	17.5021, 0.3376, 0.2672
Android (android.graphics.Color)	4288242569 (0xFF996389)
YUV	119.4780, 8.6383, 29.3988
Hunter-Lab	41.8355, 21.1395, -7.4017

Details

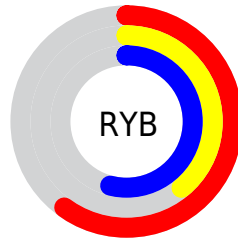
The Yxy color **17.5021, 0.3376, 0.2672** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.6692, 0.2946, 0.4003**, and the grayscale version is **18.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2608, 0.3325, 0.2815**, and **5.8225, 0.3475, 0.2447** is the 20% darker color. If you saturate the color by 10%, you get **14.7461, 0.3471, 0.2499**, and if you desaturate by 10%, it is **20.8143, 0.3292, 0.2851**.

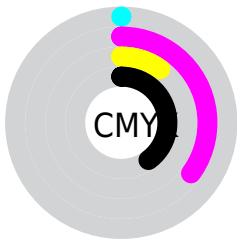
Distribution



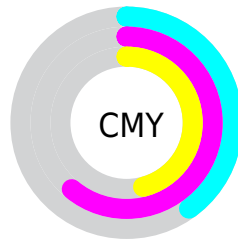
- Red (60%)
- Green (39%)
- Blue (54%)



- Red (60%)
- Yellow (39%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (40%)





- Cyan (40%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5021, 0.3376, 0.2672 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 17.5021, 0.3376, 0.2672 by changing the saturation by 10% instead.


 17.5021, 0.3376,
0.2672


 17.5021, 0.3376,
0.2672


238.0495, 0.3239,
0.3015


 10.5931, 0.3415,
0.2573


 39.1871, 0.3323,
0.2806


 5.7940, 0.3468,
0.2438


 54.7318, 0.3304,
0.2853

 2.7202, 0.3545,
0.2241

 73.9240, 0.3288,
0.2892

 0.9875, 0.3663,
0.1929

 97.1479, 0.3275,
0.2925

 0.0000, 0.4432,
0.0000

124.7881, 0.3264,
0.2952

 0.0000, 0.0000,
0.0000

157.2288, 0.3255,

0.2976

194.8544, 0.3246,
0.2997

■ 17.5021, 0.3376,
0.2672

■ 17.5021, 0.3376,
0.2672

■ 14.7461, 0.3471,
0.2499

■ 20.8143, 0.3292,
0.2851

■ 12.5128, 0.3577,
0.2341

■ 24.7091, 0.3219,
0.3029

■ 10.7686, 0.3692,
0.2207


■ 29.2139, 0.3156,
0.3202

■ 9.4753, 0.3813,
0.2107


■ 34.3538, 0.3103,
0.3366


■ 8.5886, 0.3935,
0.2050


■ 40.1525, 0.3058,
0.3521


 8.0506, 0.4056,
0.2039

 46.6325, 0.3021,
0.3665

 7.8481, 0.4114,
0.2040

 53.8150, 0.2989,
0.3797

 61.7206, 0.2963,
0.3919

 70.3688, 0.2941,
0.4031

Harmonies

Analogous

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



17.5021, 0.2790, 0.2432



17.5021, 0.3376, 0.2672



17.5021, 0.3937, 0.3047

Triad

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



17.5021, 0.3376, 0.2672



17.5021, 0.3911, 0.4273



17.5021, 0.2108, 0.2915

Complementary

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



17.5021, 0.3376, 0.2672



26.6692, 0.2946, 0.4003

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.



17.5021, 0.2353, 0.3485



17.5021, 0.3376, 0.2672



17.5021, 0.3382, 0.4349

Square

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



17.5021, 0.3376, 0.2672



17.5021, 0.4246, 0.3937



17.5021, 0.2812, 0.4052



17.5021, 0.2107, 0.2529

Rectangle

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



17.5021, 0.3376, 0.2672



17.5021, 0.4192, 0.3342



17.5021, 0.2812, 0.4052



17.5021, 0.2163, 0.3090

Sweetspot

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



17.5029, 0.3376, 0.2672



47.4058, 0.3192, 0.3100



14.8222, 0.2682, 0.2312



10.2549, 0.3200, 0.3079



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



17.5029, 0.3376, 0.2672



27.5359, 0.3447, 0.2541



16.8374, 0.3758, 0.3094



6.2925, 0.3180, 0.3135



6.4934, 0.4106, 0.2036



0.1034, 0.3637, 0.1777

Inverse Universe

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



17.5029, 0.3376, 0.2672



27.5359, 0.3447, 0.2541



27.3637, 0.2732, 0.3499



6.2925, 0.3180, 0.3135



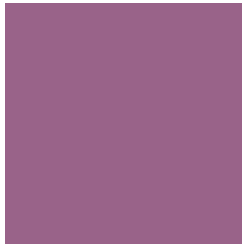
6.4934, 0.4106, 0.2036



0.1034, 0.3637, 0.1777

Previews

White Background



This preview shows how the Yxy color 17.5021, 0.3376, 0.2672 looks on a white background.

Color Contrast Check

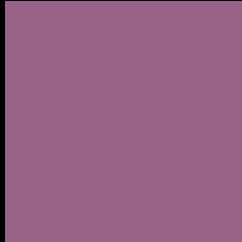
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5021, 0.3376, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

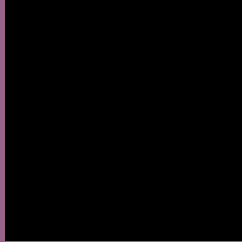
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5021, 0.3376, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 17.5021, 0.3376, 0.2672.



This preview shows how white text looks on a background with the Yxy color 17.5021, 0.3376, 0.2672.

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

17.5021, 0.3376, 0.2672

Protanopia

17.5877, 0.2687, 0.2676

Deuteranopia

17.6778, 0.2957, 0.2916



Tritanopia

17.5545, 0.3675, 0.3155

Trichromacy



Original Color

17.5021, 0.3376, 0.2672

Protanomaly

17.2360, 0.2905, 0.2661

Deuteranomaly

17.5118, 0.3097, 0.2824

Tritanomaly

17.4625, 0.3567, 0.2971

Monochromacy



Original Color

17.5021, 0.3376, 0.2672

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9200, 0.3205, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5021, 0.3376, 0.2672 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(153, 99, 137)` looks like.

```
.text, #text, p{  
    color:rgb(153, 99, 137)  
}
```

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(153, 99, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 99, 137) }
```

Border

The CSS property to change the border of an element to Yxy 17.5021, 0.3376, 0.2672 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(153, 99, 137) }
```

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

```
.border{ border-color:rgb(153, 99, 137) }
```

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

Here you see how a box with a 4 pixel rgb(153, 99, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 99, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 99, 137);  
box-shadow:4px 4px 4px 4px rgb(153, 99,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5021, 0.3376, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 99, 137) }
```

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

```
.background{ background-color: rgb(153, 99,  
137) }
```

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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