

Converting Colors

$Y_{xy}(17.5999, 0.3170, 0.2477)$

Have a look what the booklet for
Yxy(17.5999, 0.3170, 0.2477)
contains.

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Color

Yxy(17.6097, 0.3166, 0.2473)

Conversions

Conversions Part 1

Format	Color
Hex	966396
RGB	150, 99, 150
RGB Percent	59%, 39%, 59%
CMY	0.4117, 0.6118, 0.4119
CMYK	0.00, 0.34, 0.00, 0.41
HSL	300°, 20%, 49%
HSV	300°, 34%, 59%
XYZ	22.5444, 17.6097, 31.0537
YIQ	120.0630, 14.0250, 26.6730

Conversions

Conversions Part 2

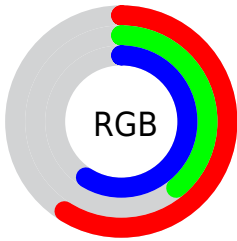
Format	Color
R_{YB}	150, 99, 150
Decimal	9855894
CIE _{Lab}	49.02, 29.25, -19.55
CIE _{LCh}	49, 35.181, 326.249
Yxy	17.6097, 0.3166, 0.2473
Android (android.graphics.Color)	4288045974 (0xFF966396)
YUV	120.0630, 14.7589, 26.2547
Hunter-Lab	41.9639, 22.4593, -14.5005

Details

The Yxy color **17.6097, 0.3166, 0.2473** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.3711, 0.3081, 0.4269**, and the grayscale version is **18.7525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4720, 0.3167, 0.2651**, and **5.8652, 0.3158, 0.2186** is the 20% darker color. If you saturate the color by 10%, you get **15.0268, 0.3177, 0.2246**, and if you desaturate by 10%, it is **20.7221, 0.3155, 0.2712**.

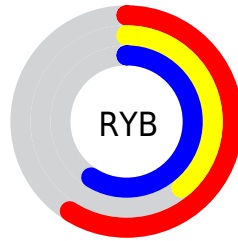
Distribution



Red (59%)

Green (39%)

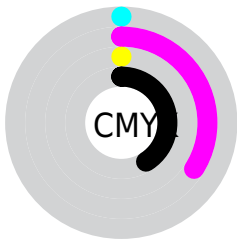
Blue (59%)



Red (59%)

Yellow (39%)

Blue (59%)

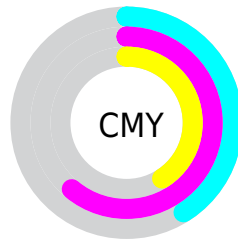


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (41%)


Magenta (61%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6097, 0.3166, 0.2473 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 17.6097, 0.3166, 0.2473 by changing the saturation by 10% instead.


 17.6097, 0.3166,
0.2473


 17.6097, 0.3166,
0.2473


238.6618, 0.3154,
0.2918


 10.6701, 0.3165,
0.2349


 39.3711, 0.3164,
0.2644


 5.8455, 0.3159,
0.2181


 54.9618, 0.3163,
0.2706

 2.7514, 0.3144,
0.1945

 74.2049, 0.3161,
0.2757

 1.0033, 0.3103,
0.1589

 97.4850, 0.3160,
0.2799

 0.0000, 0.3236,
0.0000

125.1863, 0.3158,
0.2836

 0.0000, 0.0000,
0.0000

157.6933, 0.3157,

0.2867

195.3903, 0.3156,
0.2894

■ 17.6097, 0.3166,
0.2473

■ 17.6097, 0.3166,
0.2473

■ 15.0268, 0.3177,
0.2246

■ 20.7221, 0.3155,
0.2712

■ 12.9419, 0.3187,
0.2041

■ 24.3889, 0.3143,
0.2956

■ 11.3235, 0.3195,
0.1865


■ 28.6358, 0.3132,
0.3196

■ 10.1358, 0.3202,
0.1726


■ 33.4866, 0.3121,
0.3428


■ 9.3377, 0.3207,
0.1627

■ 38.9636, 0.3110,
0.3647

 8.8795, 0.3210,
0.1568

 45.0879, 0.3101,
0.3852

 8.6840, 0.3211,
0.1543

 51.8799, 0.3092,
0.4042

 59.3587, 0.3083,
0.4215

 67.5430, 0.3076,
0.4372

Harmonies

Analogous

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



17.6097, 0.2535, 0.2268



17.6097, 0.3166, 0.2473



17.6097, 0.3857, 0.2848

Triad

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



17.6097, 0.3166, 0.2473



17.6097, 0.4186, 0.4298



17.6097, 0.2030, 0.3056

Complementary

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



17.6097, 0.3166, 0.2473



25.3711, 0.3081, 0.4269

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.



17.6097, 0.2392, 0.3760



17.6097, 0.3166, 0.2473



17.6097, 0.3632, 0.4536

Square

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



17.6097, 0.3166, 0.2473



17.6097, 0.4470, 0.3842



17.6097, 0.2974, 0.4356



17.6097, 0.1938, 0.2533

Rectangle

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



17.6097, 0.3166, 0.2473



17.6097, 0.4227, 0.3161



17.6097, 0.2974, 0.4356



17.6097, 0.2121, 0.3281

Sweetspot

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



17.6105, 0.3166, 0.2473



45.7629, 0.3139, 0.3048



13.7793, 0.2535, 0.2311



9.9368, 0.3140, 0.3017



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.6105, 0.3166, 0.2473



27.4382, 0.3175, 0.2295



16.8774, 0.3511, 0.2861



5.9091, 0.3138, 0.3072



7.2010, 0.3211, 0.1543



0.0882, 0.3210, 0.1542

Inverse Universe

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



17.6105, 0.3166, 0.2473



27.4382, 0.3175, 0.2295



25.9376, 0.2864, 0.3766



5.9091, 0.3138, 0.3072



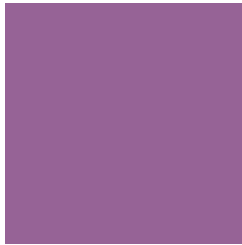
7.2010, 0.3211, 0.1543



0.0882, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 17.6097, 0.3166, 0.2473 looks on a white background.

Color Contrast Check

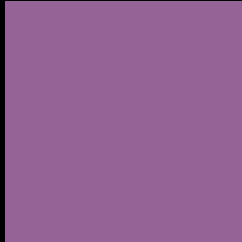
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6097, 0.3166, 0.2473 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 17.6097, 0.3166, 0.2473

Background



This preview shows how black text looks on a background with the Yxy color 17.6097, 0.3166, 0.2473.



This preview shows how white text looks on a background with the Yxy color 17.6097, 0.3166, 0.2473.

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

17.6097, 0.3166, 0.2473

Protanopia

17.7537, 0.2512, 0.2444

Deuteranopia

17.8128, 0.2740, 0.2700



Tritanopia

17.5427, 0.3569, 0.3151

Trichromacy



Original Color

17.6097, 0.3166, 0.2473

Protanomaly

17.3990, 0.2712, 0.2434

Deuteranomaly

17.5110, 0.2885, 0.2602

Tritanomaly

17.4358, 0.3424, 0.2882

Monochromacy



Original Color

17.6097, 0.3166, 0.2473

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0523, 0.3143, 0.2948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6097, 0.3166, 0.2473 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(150, 99, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 99, 150)  
}
```

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(150, 99, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 99, 150) }
```

Border

The CSS property to change the border of an element to Yxy 17.6097, 0.3166, 0.2473 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(150, 99, 150) }
```

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

```
.border{ border-color:rgb(150, 99, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 99, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 99, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 99, 150); box-shadow:4px 4px 4px 4px rgb(150, 99, 150) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6097, 0.3166, 0.2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 99, 150) }
```

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

```
.background{ background-color: rgb(150, 99,  
150) }
```

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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