

Converting Colors

$Y_{xy}(17.6023, 0.3155, 0.2524)$

Have a look what the booklet for
Yxy(17.6023, 0.3155, 0.2524)
contains.

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Color

Yxy(17.6485, 0.3150, 0.2523)

Conversions

Conversions Part 1

Format	Color
Hex	936594
RGB	147, 101, 148
RGB Percent	58%, 40%, 58%
CMY	0.4235, 0.6039, 0.4196
CMYK	0.01, 0.32, 0.00, 0.42
HSL	299°, 19%, 49%
HSV	299°, 32%, 58%
XYZ	22.0344, 17.6485, 30.2676
YIQ	120.1120, 12.3290, 24.3690

Conversions

Conversions Part 2

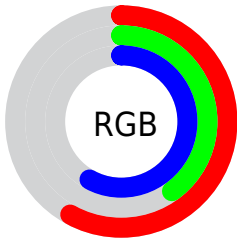
Format	Color
R_{YB}	147, 101, 148
Decimal	9659796
CIE _{Lab}	49.07, 26.69, -18.34
CIE _{LCh}	49, 32.389, 325.504
Yxy	17.6485, 0.3150, 0.2523
Android (android.graphics.Color)	4287849876 (0xFF936594)
YUV	120.1120, 13.7488, 23.5808
Hunter-Lab	42.0101, 20.1059, -13.3103

Details

The Yxy color **17.6485, 0.3150, 0.2523** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9479, 0.3095, 0.4191**, and the grayscale version is **18.7729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6033, 0.3155, 0.2692**, and **5.8422, 0.3135, 0.2247** is the 20% darker color. If you saturate the color by 10%, you get **15.0005, 0.3156, 0.2290**, and if you desaturate by 10%, it is **20.8158, 0.3143, 0.2766**.

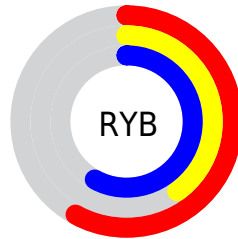
Distribution



Red (58%)

Green (40%)

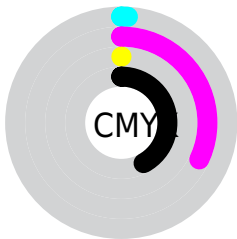
Blue (58%)



Red (58%)

Yellow (40%)

Blue (58%)

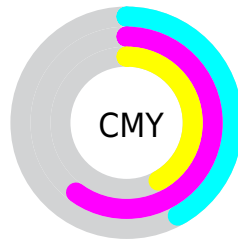


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (42%)



Cyan (42%)


Magenta (60%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6485, 0.3150, 0.2523 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 17.6485, 0.3150, 0.2523 by changing the saturation by 10% instead.

 17.6485, 0.3150,
0.2523


 17.6485, 0.3150,
0.2523


238.8823, 0.3146,
0.2943


 10.6979, 0.3147,
0.2405


 39.4375, 0.3151,
0.2685

 5.8641, 0.3139,
0.2245


 55.0446, 0.3151,
0.2743

 2.7626, 0.3122,
0.2016

 74.3061, 0.3150,
0.2791

 1.0091, 0.3077,
0.1669

 97.6064, 0.3149,
0.2831

 0.0000, 0.3184,
0.0000

125.3297, 0.3149,
0.2866

 0.0000, 0.0000,
0.0000

157.8605, 0.3148,

0.2895

195.5833, 0.3147,
0.2921

■ 17.6485, 0.3150,
0.2523

■ 17.6485, 0.3150,
0.2523

■ 15.0005, 0.3156,
0.2290

■ 20.8158, 0.3143,
0.2766

■ 12.8416, 0.3160,
0.2076

■ 24.5258, 0.3136,
0.3010

■ 11.1422, 0.3163,
0.1889

■ 28.8033, 0.3129,
0.3249


■ 9.8685, 0.3164,
0.1737


■ 33.6707, 0.3121,
0.3478


■ 8.9821, 0.3163,
0.1624

■ 39.1496, 0.3113,
0.3694

 8.4377, 0.3160,
0.1552

 45.2601, 0.3106,
0.3895

 8.1467, 0.3157,
0.1513

 52.0216, 0.3099,
0.4080

 59.4526, 0.3092,
0.4248

 67.5709, 0.3086,
0.4402

Harmonies

Analogous

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



17.6485, 0.2568, 0.2336



17.6485, 0.3150, 0.2523



17.6485, 0.3785, 0.2872

Triad

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



17.6485, 0.3150, 0.2523



17.6485, 0.4121, 0.4220



17.6485, 0.2115, 0.3095

Complementary

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



17.6485, 0.3150, 0.2523



24.9479, 0.3095, 0.4191

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.



17.6485, 0.2462, 0.3738



17.6485, 0.3150, 0.2523



17.6485, 0.3616, 0.4433

Square

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



17.6485, 0.3150, 0.2523



17.6485, 0.4368, 0.3800



17.6485, 0.3007, 0.4271



17.6485, 0.2020, 0.2603

Rectangle

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



17.6485, 0.3150, 0.2523



17.6485, 0.4128, 0.3164



17.6485, 0.3007, 0.4271



17.6485, 0.2203, 0.3302

Sweetspot

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



17.6493, 0.3150, 0.2523



44.3814, 0.3135, 0.3048



14.5184, 0.2585, 0.2418



9.9235, 0.3136, 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.



17.6493, 0.3150, 0.2523



27.7749, 0.3154, 0.2359



17.1116, 0.3455, 0.2865



5.9030, 0.3134, 0.3072



6.9588, 0.3158, 0.1513



0.0868, 0.3185, 0.1528

Inverse Universe

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



16.5625, 0.3809, 0.3275



25.5604, 0.4031, 0.3271



25.3789, 0.2893, 0.3760



5.8173, 0.3279, 0.3286



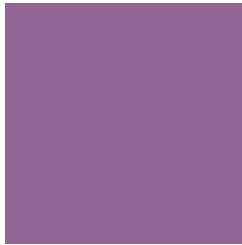
5.3841, 0.6369, 0.3282



0.0663, 0.6214, 0.3197

Previews

White Background



This preview shows how the Yxy color 17.6485, 0.3150, 0.2523 looks on a white background.

Color Contrast Check

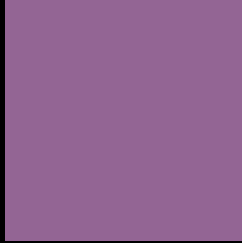
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6485, 0.3150, 0.2523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

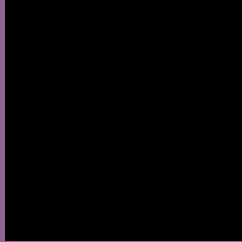
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6485, 0.3150, 0.2523

Background



This preview shows how black text looks on a background with the Yxy color 17.6485, 0.3150, 0.2523.



This preview shows how white text looks on a background with the Yxy color 17.6485, 0.3150, 0.2523.

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

17.6485, 0.3150, 0.2523

Protanopia

17.7077, 0.2546, 0.2492

Deuteranopia

17.8832, 0.2782, 0.2737



Tritanopia

17.6160, 0.3510, 0.3132

Trichromacy



Original Color

17.6485, 0.3150, 0.2523

Protanomaly

17.5115, 0.2743, 0.2497

Deuteranomaly

17.6628, 0.2908, 0.2652

Tritanomaly

17.5910, 0.3364, 0.2894

Monochromacy



Original Color

17.6485, 0.3150, 0.2523

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1678, 0.3142, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6485, 0.3150, 0.2523 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(147, 101, 148)` looks like.

```
.text, #text, p{  
    color:rgb(147, 101, 148)  
}
```

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(147, 101, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 101, 148) }
```

Border

The CSS property to change the border of an element to Yxy 17.6485, 0.3150, 0.2523 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(147, 101, 148) }
```

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

```
.border{ border-color:rgb(147, 101, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 101, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 101, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 101, 148);  
box-shadow:4px 4px 4px 4px rgb(147, 101,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6485, 0.3150, 0.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 101, 148) }
```

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

```
.background{ background-color: rgb(147,  
101, 148) }
```

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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