

Converting Colors

$Y_{xy}(18.1334, 0.3470, 0.2665)$

Have a look what the booklet for
Yxy(18.1334, 0.3470, 0.2665)
contains.

Yxy(18.1474, 0.3473, 0.2665)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.1474, 0.3473, 0.2665)

Conversions

Conversions Part 1

Format	Color
Hex	A1628A
RGB	161, 98, 138
RGB Percent	63%, 38%, 54%
CMY	0.3687, 0.6156, 0.4588
CMYK	0.00, 0.39, 0.14, 0.37
HSL	322°, 25%, 51%
HSV	322°, 39%, 63%
XYZ	23.6495, 18.1474, 26.2984
YIQ	121.3970, 24.7080, 25.7960

Conversions

Conversions Part 2

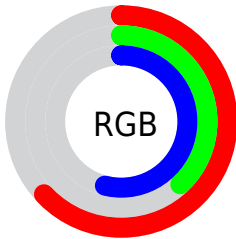
Format	Color
R_{YB}	161, 98, 138
Decimal	10576522
CIE _{Lab}	49.67, 31.40, -11.32
CIE _{LCh}	50, 33.382, 340.176
Yxy	18.1474, 0.3473, 0.2665
Android (android.graphics.Color)	4288766602 (0xFFA1628A)
YUV	121.3970, 8.1853, 34.7318
Hunter-Lab	42.5998, 24.5457, -6.7821

Details

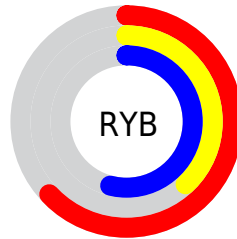
The Yxy color **18.1474, 0.3473, 0.2665** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.4607, 0.2895, 0.4016**, and the grayscale version is **19.2233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3260, 0.3404, 0.2805**, and **6.0894, 0.3608, 0.2429** is the 20% darker color. If you saturate the color by 10%, you get **15.2664, 0.3598, 0.2511**, and if you desaturate by 10%, it is **21.6451, 0.3364, 0.2828**.

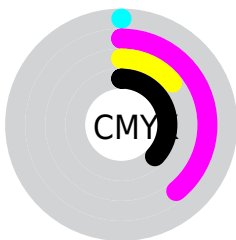
Distribution



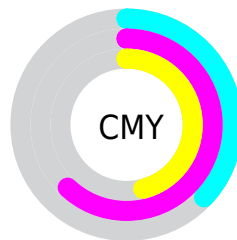
- Red (63%)
- Green (38%)
- Blue (54%)



- Red (63%)
- Yellow (38%)
- Blue (54%)



- Cyan (0%)
- Magenta (39%)
- Yellow (14%)
- Black (37%)




- Cyan (37%)
- Magenta (62%)
- Yellow (46%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1474, 0.3473, 0.2665 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 18.1474, 0.3473, 0.2665 by changing the saturation by 10% instead.


 18.1474, 0.3473,
0.2665


 18.1474, 0.3473,
0.2665


241.7006, 0.3281,
0.3010


 11.0559, 0.3528,
0.2567


 40.2883, 0.3398,
0.2799


 6.1044, 0.3604,
0.2433


 56.1065, 0.3372,
0.2846

 2.9087, 0.3715,
0.2238

 75.6024, 0.3350,
0.2886

 1.0842, 0.3892,
0.1935

 99.1603, 0.3332,
0.2918

 0.0000, 0.4933,
0.0000

127.1647, 0.3316,
0.2946

 0.0000, 0.0000,
0.0000

159.9999, 0.3303,

0.2970

198.0504, 0.3291,
0.2991

■ 18.1474, 0.3473,
0.2665

■ 18.1474, 0.3473,
0.2665

■ 15.2664, 0.3598,
0.2511

■ 21.6451, 0.3364,
0.2828

■ 12.9630, 0.3737,
0.2373

■ 25.7907, 0.3269,
0.2991

■ 11.1974, 0.3889,
0.2264


■ 30.6162, 0.3189,
0.3151

■ 9.9237, 0.4048,
0.2193


■ 36.1507, 0.3122,
0.3303

■ 9.0881, 0.4209,
0.2168

■ 42.4217, 0.3065,
0.3446


 8.5799, 0.4369,
0.2187

 49.4552, 0.3017,
0.3580

 8.5384, 0.4384,
0.2189

 57.2758, 0.2978,
0.3703

 65.9072, 0.2945,
0.3816

 75.3719, 0.2918,
0.3920

Harmonies

Analogous

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



18.1474, 0.2828, 0.2388



18.1474, 0.3473, 0.2665



18.1474, 0.4067, 0.3078

Triad

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



18.1474, 0.3473, 0.2665



18.1474, 0.3911, 0.4383



18.1474, 0.2016, 0.2816

Complementary

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



18.1474, 0.3473, 0.2665



29.4607, 0.2895, 0.4016

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.



18.1474, 0.2245, 0.3419



18.1474, 0.3473, 0.2665



18.1474, 0.3323, 0.4433

Square

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



18.1474, 0.3473, 0.2665



18.1474, 0.4311, 0.4032



18.1474, 0.2713, 0.4062



18.1474, 0.2046, 0.2433

Rectangle

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



18.1474, 0.3473, 0.2665



18.1474, 0.4319, 0.3396



18.1474, 0.2713, 0.4062



18.1474, 0.2063, 0.2997

Sweetspot

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



18.1482, 0.3473, 0.2665



52.0215, 0.3213, 0.3102



15.3079, 0.2668, 0.2201



11.1785, 0.3222, 0.3083



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.



18.1482, 0.3473, 0.2665



27.9259, 0.3582, 0.2529



17.3847, 0.3926, 0.3140



7.1581, 0.3190, 0.3148



6.8293, 0.4372, 0.2182



0.1521, 0.3858, 0.1899

Inverse Universe

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



18.1482, 0.3473, 0.2665



27.9259, 0.3582, 0.2529



30.3320, 0.2664, 0.3452



7.1581, 0.3190, 0.3148



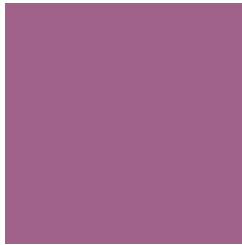
6.8293, 0.4372, 0.2182



0.1521, 0.3858, 0.1899

Previews

White Background



This preview shows how the Yxy color 18.1474, 0.3473, 0.2665 looks on a white background.

Color Contrast Check

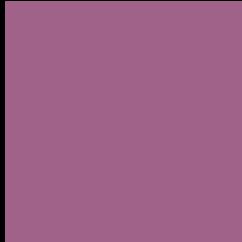
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1474, 0.3473, 0.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

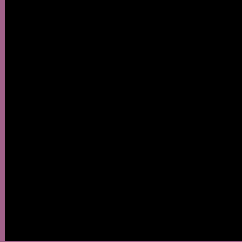
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1474, 0.3473, 0.2665

Background



This preview shows how black text looks on a background with the Yxy color 18.1474, 0.3473, 0.2665.



This preview shows how white text looks on a background with the Yxy color 18.1474, 0.3473, 0.2665.

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

18.1474, 0.3473, 0.2665

Protanopia

18.2719, 0.2683, 0.2668

Deuteranopia

18.1483, 0.2983, 0.2921



Tritanopia

18.1173, 0.3806, 0.3161

Trichromacy



Original Color

18.1474, 0.3473, 0.2665

Protanomaly

17.8943, 0.2944, 0.2658

Deuteranomaly

17.9491, 0.3149, 0.2817

Tritanomaly

18.0588, 0.3681, 0.2967

Monochromacy



Original Color

18.1474, 0.3473, 0.2665

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.5768, 0.3256, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1474, 0.3473, 0.2665 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, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(161, 98, 138)  
}
```

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, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 98, 138) }
```

Border

The CSS property to change the border of an element to Yxy 18.1474, 0.3473, 0.2665 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, 98, 138) }
```

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

```
.border{ border-color:rgb(161, 98, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 98, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(161, 98,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1474, 0.3473, 0.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 98, 138) }
```

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

```
.background{ background-color: rgb(161, 98,  
138) }
```

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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