

Converting Colors

$Y_{xy}(18.2756, 0.3300, 0.2853)$

Have a look what the booklet for
Yxy(18.2756, 0.3300, 0.2853)
contains.

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Color

Yxy(18.2286, 0.3308, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	916B85
RGB	145, 107, 133
RGB Percent	57%, 42%, 52%
CMY	0.4314, 0.5803, 0.4785
CMYK	0.00, 0.26, 0.08, 0.43
HSL	319°, 15%, 49%
HSV	319°, 26%, 57%
XYZ	21.1654, 18.2286, 24.5885
YIQ	121.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

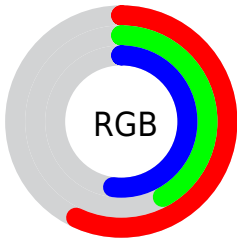
Format	Color
R_{YB}	145, 107, 133
Decimal	9530245
CIE _{Lab}	49.77, 19.56, -8.39
CIE _{LCh}	50, 21.286, 336.781
Yxy	18.2286, 0.3308, 0.2849
Android (android.graphics.Color)	4287720325 (0xFF916B85)
YUV	121.3260, 5.7553, 20.7621
Hunter-Lab	42.6950, 13.7725, -4.2592

Details

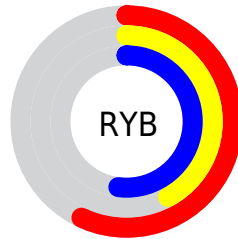
The Yxy color $18.2286, 0.3308, 0.2849$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.7044, 0.2984, 0.3776$, and the grayscale version is $19.2091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.4836, 0.3266, 0.2951$, and $6.1321, 0.3390, 0.2686$ is the 20% darker color. If you saturate the color by 10%, you get $15.3312, 0.3398, 0.2676$, and if you desaturate by 10%, it is $21.6400, 0.3230, 0.3022$.

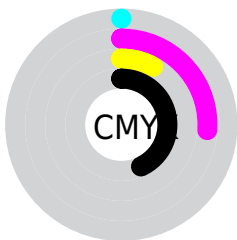
Distribution



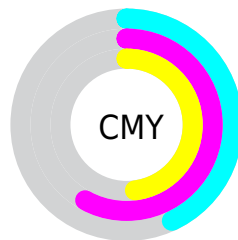
- Red (57%)
- Green (42%)
- Blue (52%)



- Red (57%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (43%)





- Cyan (43%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2286, 0.3308, 0.2849 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 18.2286, 0.3308, 0.2849 by changing the saturation by 10% instead.


 18.2286, 0.3308,
0.2849


 18.2286, 0.3308,
0.2849


242.1564, 0.3207,
0.3096


 11.1142, 0.3337,
0.2777


 40.4265, 0.3269,
0.2946


 6.1437, 0.3378,
0.2676


 56.2788, 0.3255,
0.2980

 2.9327, 0.3437,
0.2527

 75.8125, 0.3243,
0.3008

 1.0967, 0.3534,
0.2285

 99.4120, 0.3234,
0.3031

 0.0000, 0.4478,
0.0000

127.4618, 0.3226,
0.3051

 0.0000, 0.0000,
0.0000

160.3462, 0.3219,

0.3068

198.4496, 0.3213,
0.3083

■ 18.2286, 0.3308,
0.2849

■ 18.2286, 0.3308,
0.2849

■ 15.3312, 0.3398,
0.2676

■ 21.6400, 0.3230,
0.3022

■ 12.9202, 0.3500,
0.2509

■ 25.5867, 0.3163,
0.3190

■ 10.9687, 0.3614,
0.2356


■ 30.0914, 0.3107,
0.3350


■ 9.4466, 0.3738,
0.2228


■ 35.1752, 0.3059,
0.3500

■ 8.3200, 0.3868,
0.2134


■ 40.8576, 0.3019,
0.3640

 7.5497, 0.4001,
0.2083


 47.1576, 0.2985,
0.3769

 7.0763, 0.4132,
0.2077

 54.0932, 0.2957,
0.3888

 6.9225, 0.4184,
0.2078

 61.6817, 0.2934,
0.3997

 69.9396, 0.2915,
0.4096

Harmonies

Analogous

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



18.2286, 0.2898, 0.2672



18.2286, 0.3308, 0.2849



18.2286, 0.3688, 0.3128

Triad

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



18.2286, 0.3308, 0.2849



18.2286, 0.3684, 0.3981



18.2286, 0.2400, 0.3041

Complementary

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



18.2286, 0.3308, 0.2849



24.7044, 0.2984, 0.3776

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.



18.2286, 0.2583, 0.3429



18.2286, 0.3308, 0.2849



18.2286, 0.3317, 0.4007

Square

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



18.2286, 0.3308, 0.2849



18.2286, 0.3908, 0.3767



18.2286, 0.2915, 0.3800



18.2286, 0.2397, 0.2760

Rectangle

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



18.2286, 0.3308, 0.2849



18.2286, 0.3862, 0.3345



18.2286, 0.2915, 0.3800



18.2286, 0.2442, 0.3164

Sweetspot

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



18.2294, 0.3308, 0.2849



44.3576, 0.3176, 0.3157



16.4418, 0.2825, 0.2595



9.6436, 0.3185, 0.3134



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



18.2294, 0.3308, 0.2849



29.7104, 0.3356, 0.2754



17.7651, 0.3557, 0.3158



5.4824, 0.3182, 0.3141



5.9440, 0.4176, 0.2074



0.0608, 0.3652, 0.1785

Inverse Universe

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



18.2294, 0.3308, 0.2849



29.7104, 0.3356, 0.2754



25.1896, 0.2820, 0.3427



5.4824, 0.3182, 0.3141



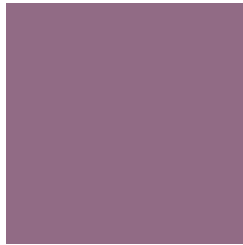
5.9440, 0.4176, 0.2074



0.0608, 0.3652, 0.1785

Previews

White Background



This preview shows how the Yxy color 18.2286, 0.3308, 0.2849 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 18.2286, 0.3308, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

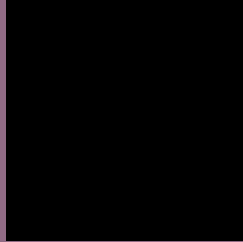
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.2286, 0.3308, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 18.2286, 0.3308, 0.2849.



This preview shows how white text looks on a background with the Yxy color 18.2286, 0.3308, 0.2849.

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

18.2286, 0.3308, 0.2849

Protanopia

18.4277, 0.2837, 0.2880

Deuteranopia

18.1852, 0.3053, 0.2994



Tritanopia

18.2995, 0.3473, 0.3151

Trichromacy



Original Color

18.2286, 0.3308, 0.2849

Protanomaly

18.2007, 0.2997, 0.2872

Deuteranomaly

18.1598, 0.3144, 0.2932

Tritanomaly

18.2966, 0.3423, 0.3048

Monochromacy



Original Color

18.2286, 0.3308, 0.2849

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.7173, 0.3199, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2286, 0.3308, 0.2849 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(145, 107, 133)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 133)  
}
```

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(145, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 133) }
```

Border

The CSS property to change the border of an element to Yxy 18.2286, 0.3308, 0.2849 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(145, 107, 133) }
```

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

```
.border{ border-color:rgb(145, 107, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 107, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 107, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 107, 133);  
box-shadow:4px 4px 4px 4px rgb(145, 107,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2286, 0.3308, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 107, 133) }
```

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

```
.background{ background-color: rgb(145,  
107, 133) }
```

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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