

Converting Colors

$Yxy(19.0324, 0.3968, 0.2891)$

Have a look what the booklet for
Yxy(19.0324, 0.3968, 0.2891)
contains.

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Color

Yxy(18.9943, 0.3967, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	B35E7A
RGB	179, 94, 122
RGB Percent	70%, 37%, 48%
CMY	0.2982, 0.6313, 0.5216
CMYK	0.00, 0.47, 0.32, 0.30
HSL	340°, 36%, 54%
HSV	340°, 47%, 70%
XYZ	26.0999, 18.9943, 20.6983
YIQ	122.6070, 41.6720, 26.7280

Conversions

Conversions Part 2

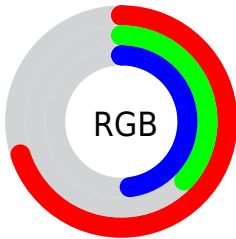
Format	Color
R_{YB}	179, 94, 122
Decimal	11755130
CIE Lab	50.68, 37.57, -0.03
CIE LCh	51, 37.574, 359.953
Yxy	18.9943, 0.3967, 0.2887
Android (android.graphics.Color)	4289945210 (0xFFB35E7A)
YUV	122.6070, -0.2993, 49.4567
Hunter-Lab	43.5825, 30.6277, 2.3495

Details

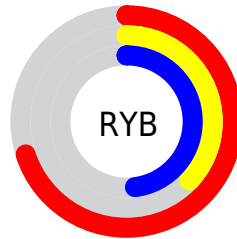
The Yxy color **18.9943, 0.3967, 0.2887** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **36.8436, 0.2681, 0.3753**, and the grayscale version is **19.6636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6183, 0.3781, 0.2978**, and **6.5809, 0.4313, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **15.8924, 0.4251, 0.2816**, and if you desaturate by 10%, it is **22.8729, 0.3724, 0.2971**.

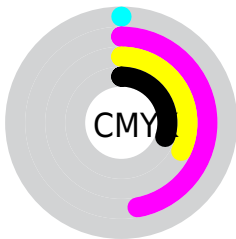
Distribution



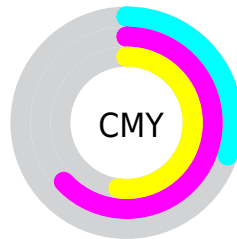
- Red (70%)
- Green (37%)
- Blue (48%)



- Red (70%)
- Yellow (37%)
- Blue (48%)



- Cyan (0%)
- Magenta (47%)
- Yellow (32%)
- Black (30%)




- Cyan (30%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9943, 0.3967, 0.2887 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 18.9943, 0.3967, 0.2887 by changing the saturation by 10% instead.


 18.9943, 0.3967,
0.2887


 18.9943, 0.3967,
0.2887


246.4173, 0.3486,
0.3118


 11.6662, 0.4113,
0.2817


 41.7245, 0.3775,
0.2979

 6.5168, 0.4318,
0.2718


 57.8953, 0.3708,
0.3011

 3.1618, 0.4629,
0.2569

 77.7824, 0.3654,
0.3037

 1.2168, 0.5149,
0.2320

 101.7704, 0.3609,
0.3059

 0.0753, 0.8621,
0.0651

130.2434, 0.3571,
0.3077

 0.0000, 0.0000,
0.0000

163.5860, 0.3539,

0.3093

202.1825, 0.3511,
0.3106

■ 18.9943, 0.3967,
0.2887

■ 18.9943, 0.3967,
0.2887

■ 15.8924, 0.4251,
0.2816

■ 22.8729, 0.3724,
0.2971

■ 13.5112, 0.4572,
0.2768

■ 27.5733, 0.3520,
0.3059

■ 11.7918, 0.4915,
0.2756


■ 33.1405, 0.3352,
0.3146


■ 10.6647, 0.5259,
0.2788


■ 39.6157, 0.3214,
0.3231

■ 10.0259, 0.5574,
0.2866


■ 47.0370, 0.3101,
0.3310

 9.8948, 0.5651,
0.2887

 55.4406, 0.3008,
0.3383

 64.8608, 0.2933,
0.3450

 75.3300, 0.2870,
0.3511

 86.8155, 0.2819,
0.3566

Harmonies

Analogous

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



18.9943, 0.3256, 0.2483



18.9943, 0.3967, 0.2887



18.9943, 0.4446, 0.3390

Triad

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



18.9943, 0.3967, 0.2887



18.9943, 0.3565, 0.4593



18.9943, 0.1904, 0.2454

Complementary

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



18.9943, 0.3967, 0.2887



36.8436, 0.2681, 0.3753

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.



18.9943, 0.1963, 0.2962



18.9943, 0.3967, 0.2887



18.9943, 0.2882, 0.4348

Square

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



18.9943, 0.3967, 0.2887



18.9943, 0.4165, 0.4380



18.9943, 0.2302, 0.3687



18.9943, 0.2115, 0.2225

Rectangle

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



18.9943, 0.3967, 0.2887



18.9943, 0.4536, 0.3745



18.9943, 0.2302, 0.3687



18.9943, 0.1893, 0.2592

Sweetspot

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



18.9952, 0.3967, 0.2887



62.9365, 0.3304, 0.3174



17.8102, 0.2842, 0.2038



13.4165, 0.3335, 0.3156



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



18.9952, 0.3967, 0.2887



28.2295, 0.4266, 0.2813



21.1529, 0.4299, 0.3499



8.5499, 0.3237, 0.3215



7.0057, 0.5620, 0.2870



0.2315, 0.4823, 0.2431

Inverse Universe

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



18.9952, 0.3967, 0.2887



28.2295, 0.4266, 0.2813



32.4771, 0.2465, 0.3059



8.5499, 0.3237, 0.3215



7.0057, 0.5620, 0.2870



0.2315, 0.4823, 0.2431

Previews

White Background



This preview shows how the Yxy color 18.9943, 0.3967, 0.2887 looks on a white background.

Color Contrast Check

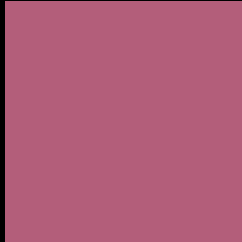
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 18.9943, 0.3967, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

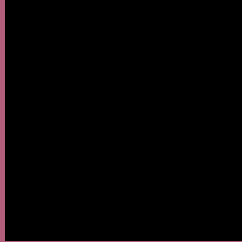
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9943, 0.3967, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 18.9943, 0.3967, 0.2887.



This preview shows how white text looks on a background with the Yxy color 18.9943, 0.3967, 0.2887.

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

18.9943, 0.3967, 0.2887

Protanopia

19.1195, 0.2905, 0.2958

Deuteranopia

19.0989, 0.3335, 0.3272



Tritanopia

18.8960, 0.4205, 0.3190

Trichromacy



Original Color

18.9943, 0.3967, 0.2887

Protanomaly

18.6103, 0.3249, 0.2926

Deuteranomaly

18.7532, 0.3558, 0.3122

Tritanomaly

18.9784, 0.4115, 0.3073

Monochromacy



Original Color

18.9943, 0.3967, 0.2887

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.8580, 0.3402, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9943, 0.3967, 0.2887 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(179, 94, 122)` looks like.

```
.text, #text, p{  
    color:rgb(179, 94, 122)  
}
```

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(179, 94, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 94, 122) }
```

Border

The CSS property to change the border of an element to Yxy 18.9943, 0.3967, 0.2887 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(179, 94, 122) }
```

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

```
.border{ border-color:rgb(179, 94, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 94, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 94, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 94, 122);  
box-shadow:4px 4px 4px 4px rgb(179, 94,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9943, 0.3967, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 94, 122) }
```

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

```
.background{ background-color: rgb(179, 94,  
122) }
```

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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