

Converting Colors

$Y_{xy}(11.9807, 0.4428, 0.2611)$

Have a look what the booklet for
Yxy(11.9807, 0.4428, 0.2611)
contains.

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Color

Yxy(11.9652, 0.4434, 0.2610)

Conversions

Conversions Part 1

Format	Color
Hex	AB3365
RGB	171, 51, 101
RGB Percent	67%, 20%, 40%
CMY	0.3294, 0.8000, 0.6039
CMYK	0.00, 0.70, 0.41, 0.33
HSL	335°, 54%, 44%
HSV	335°, 70%, 67%
XYZ	20.3271, 11.9652, 13.5514
YIQ	92.5800, 55.4700, 40.9900

Conversions

Conversions Part 2

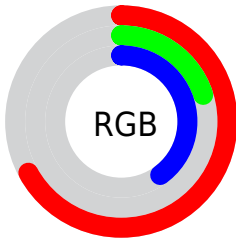
Format	Color
R_{YB}	171, 51, 101
Decimal	11219813
CIE Lab	41.16, 52.63, -1.30
CIE LCh	41, 52.641, 358.582
Yxy	11.9652, 0.4434, 0.2610
Android (android.graphics.Color)	4289409893 (0xFFAB3365)
YUV	92.5800, 4.1511, 68.7743
Hunter-Lab	34.5908, 44.3608, 0.9859

Details

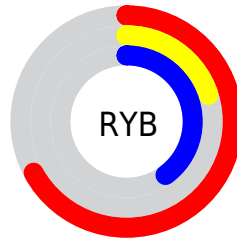
The Yxy color **11.9652, 0.4434, 0.2610** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **31.2092, 0.2630, 0.4236**, and the grayscale version is **10.8253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3981, 0.4102, 0.2775**, and **3.8532, 0.4942, 0.2496** is the 20% darker color. If you saturate the color by 10%, you get **10.5524, 0.4727, 0.2591**, and if you desaturate by 10%, it is **13.9524, 0.4158, 0.2669**.

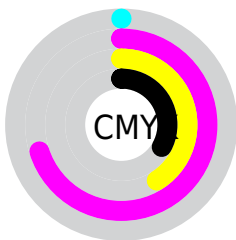
Distribution



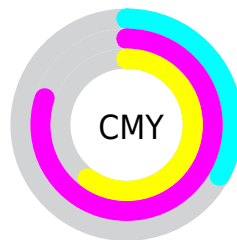
- Red (67%)
- Green (20%)
- Blue (40%)



- Red (67%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (41%)
- Black (33%)




- Cyan (33%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9652, 0.4434, 0.2610 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 11.9652, 0.4434, 0.2610 by changing the saturation by 10% instead.


 11.9652, 0.4434,
0.2610

 11.9652, 0.4434,
0.2610


204.1748, 0.3644,
0.3019


 6.7200, 0.4696,
0.2476


 29.4317, 0.4105,
0.2779


 3.2876, 0.5082,
0.2280

 42.4218, 0.3995,
0.2836


 1.2837, 0.5702,
0.1970

 58.7623, 0.3907,
0.2882

 0.1285, 0.8110,
0.0676

 78.8376, 0.3835,
0.2919

 0.0000, 1.0000,
0.0000

 103.0321, 0.3775,
0.2950

 0.0000, 0.0000,
0.0000

 131.7302, 0.3725,

0.2976

165.3163, 0.3681,
0.2999

■ 11.9652, 0.4434,
0.2610

■ 11.9652, 0.4434,
0.2610

■ 10.5524, 0.4727,
0.2591

■ 13.9524, 0.4158,
0.2669

■ 9.6476, 0.5020,
0.2621

■ 16.5671, 0.3911,
0.2756

■ 9.1157, 0.5296,
0.2691

■ 19.8581, 0.3696,
0.2859

■ 23.8691, 0.3513,
0.2969

■ 28.6401, 0.3360,
0.3080

■ 34.2079, 0.3233,
0.3187

■ 40.6071, 0.3129,
0.3288

■ 47.8702, 0.3043,
0.3383

■ 56.0280, 0.2972,
0.3470

Harmonies

Analogous

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



11.9652, 0.3242, 0.2064



11.9652, 0.4434, 0.2610



11.9652, 0.5235, 0.3288

Triad

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



11.9652, 0.4434, 0.2610



11.9652, 0.3716, 0.5403



11.9652, 0.1327, 0.1989

Complementary

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



11.9652, 0.4434, 0.2610



31.2092, 0.2630, 0.4236

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.



11.9652, 0.1391, 0.2729



11.9652, 0.4434, 0.2610



11.9652, 0.2694, 0.5185

Square

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



11.9652, 0.4434, 0.2610



11.9652, 0.4652, 0.4817



11.9652, 0.1843, 0.3986



11.9652, 0.1595, 0.1705

Rectangle

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



11.9652, 0.4434, 0.2610



11.9652, 0.5337, 0.3777



11.9652, 0.1843, 0.3986



11.9652, 0.1310, 0.2177

Sweetspot

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



11.9659, 0.4434, 0.2610



50.1931, 0.3377, 0.3067



9.2309, 0.2490, 0.1424



10.6634, 0.3416, 0.3037



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



11.9659, 0.4434, 0.2610



17.9329, 0.4884, 0.2600



12.0256, 0.5349, 0.3394



8.0686, 0.3224, 0.3196



6.8822, 0.5271, 0.2678



0.2025, 0.4498, 0.2252

Inverse Universe

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



11.9659, 0.4434, 0.2610



17.9329, 0.4884, 0.2600



29.8378, 0.2301, 0.3148



8.0686, 0.3224, 0.3196



6.8822, 0.5271, 0.2678



0.2025, 0.4498, 0.2252

Previews

White Background



This preview shows how the Yxy color 11.9652, 0.4434, 0.2610 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 11.9652, 0.4434, 0.2610 looks on a black 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

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

Yxy 11.9652, 0.4434, 0.2610

Background



This preview shows how black text looks on a background with the Yxy color 11.9652, 0.4434, 0.2610.



This preview shows how white text looks on a background with the Yxy color 11.9652, 0.4434, 0.2610.

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

11.9652, 0.4434, 0.2610

Protanopia

12.2849, 0.2613, 0.2584

Deuteranopia

12.1988, 0.3329, 0.3291



Tritanopia

12.0369, 0.5093, 0.3243

Trichromacy



Original Color

11.9652, 0.4434, 0.2610

Protanomaly

10.9912, 0.3163, 0.2518

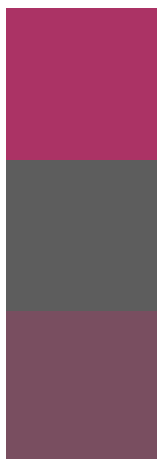
Deuteranomaly

11.2803, 0.3735, 0.2943

Tritanomaly

12.0081, 0.4881, 0.3024

Monochromacy



Original Color

11.9652, 0.4434, 0.2610

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.3583, 0.3586, 0.2920

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9652, 0.4434, 0.2610 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(171, 51, 101)` looks like.

```
.text, #text, p{  
    color:rgb(171, 51, 101)  
}
```

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(171, 51, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 51, 101) }
```

Border

The CSS property to change the border of an element to Yxy 11.9652, 0.4434, 0.2610 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(171, 51, 101) }
```

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

```
.border{ border-color:rgb(171, 51, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 51, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 51, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 51, 101);  
box-shadow:4px 4px 4px 4px rgb(171, 51,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9652, 0.4434, 0.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 51, 101) }
```

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

```
.background{ background-color: rgb(171, 51,  
101) }
```

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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