

Converting Colors

$Y_{xy}(11.5000, 0.3182, 0.2479)$

Have a look what the booklet for
Yxy(11.5000, 0.3182, 0.2479)
contains.

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Color

Yxy(11.4525, 0.3182, 0.2469)

Conversions

Conversions Part 1

Format	Color
Hex	7C507B
RGB	124, 80, 123
RGB Percent	49%, 31%, 48%
CMY	0.5136, 0.6863, 0.5176
CMYK	0.00, 0.36, 0.01, 0.51
HSL	301°, 22%, 40%
HSV	301°, 36%, 49%
XYZ	14.7598, 11.4525, 20.1729
YIQ	98.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

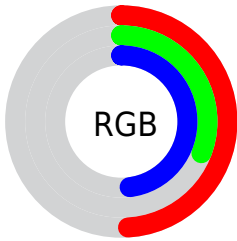
Format	Color
RYB	124, 80, 123
Decimal	8147067
CIELab	40.33, 25.94, -16.89
CIElCh	40, 30.954, 326.928
Yxy	11.4525, 0.3182, 0.2469
Android (android.graphics.Color)	4286337147 (0xFF7C507B)
YUV	98.0580, 12.2964, 22.7511
Hunter-Lab	33.8415, 18.6289, -11.6536

Details

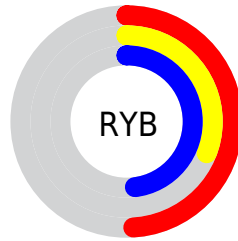
The Yxy color **11.4525, 0.3182, 0.2469** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.7229, 0.3069, 0.4276**, and the grayscale version is **12.1961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4470, 0.3168, 0.2654**, and **3.0943, 0.3182, 0.2125** is the 20% darker color. If you saturate the color by 10%, you get **9.7944, 0.3198, 0.2251**, and if you desaturate by 10%, it is **13.4469, 0.3166, 0.2699**.

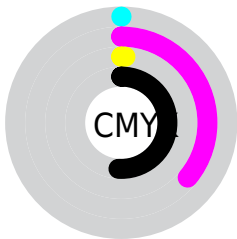
Distribution



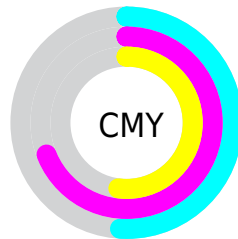
- Red (49%)
- Green (31%)
- Blue (48%)



- Red (49%)
- Yellow (31%)
- Blue (48%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (51%)





- Cyan (51%)
- Magenta (69%)
- Yellow (52%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4525, 0.3182, 0.2469 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 11.4525, 0.3182, 0.2469 by changing the saturation by 10% instead.


 11.4525, 0.3182,
0.2469


 11.4525, 0.3182,
0.2469


200.7462, 0.3159,
0.2945


 6.3721, 0.3183,
0.2322


 28.4939, 0.3176,
0.2661

 3.0726, 0.3180,
0.2112

 41.2237, 0.3173,
0.2727


 1.1698, 0.3161,
0.1794

 57.2721, 0.3170,
0.2781

 0.0368, 0.3428,
0.0189

 77.0234, 0.3168,
0.2825

 0.0000, 0.0000,
0.0000

 100.8621, 0.3165,
0.2862

129.1725, 0.3163,

0.2894

162.3391, 0.3161,
0.2922

■ 11.4525, 0.3182,
0.2469

■ 11.4525, 0.3182,
0.2469

■ 9.7944, 0.3198,
0.2251

■ 13.4469, 0.3166,
0.2699

■ 8.4527, 0.3214,
0.2053

■ 15.7933, 0.3150,
0.2933

■ 7.4076, 0.3228,
0.1884

■ 18.5079, 0.3135,
0.3165

■ 6.6364, 0.3242,
0.1750

■ 21.6058, 0.3121,
0.3389

■ 6.1134, 0.3253,
0.1655

■ 25.1011, 0.3108,
0.3602

■ 5.7954, 0.3262,
0.1596

■ 29.0072, 0.3096,
0.3802

■ 5.6714, 0.3266,
0.1573

■ 33.3367, 0.3086,
0.3986

■ 38.1021, 0.3076,
0.4156

■ 43.3149, 0.3068,
0.4311

Harmonies

Analogous

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



11.4525, 0.2539, 0.2257



11.4525, 0.3182, 0.2469



11.4525, 0.3882, 0.2851

Triad

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



11.4525, 0.3182, 0.2469



11.4525, 0.4190, 0.4319



11.4525, 0.2010, 0.3036

Complementary

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



11.4525, 0.3182, 0.2469



16.7229, 0.3069, 0.4276

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.



11.4525, 0.2370, 0.3751



11.4525, 0.3182, 0.2469



11.4525, 0.3623, 0.4557

Square

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



11.4525, 0.3182, 0.2469



11.4525, 0.4487, 0.3859



11.4525, 0.2956, 0.4365



11.4525, 0.1923, 0.2512

Rectangle

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



11.4525, 0.3182, 0.2469



11.4525, 0.4254, 0.3169



11.4525, 0.2956, 0.4365



11.4525, 0.2100, 0.3263

Sweetspot

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



11.4530, 0.3182, 0.2469



29.7256, 0.3144, 0.3033



8.9283, 0.2527, 0.2284



6.8808, 0.3145, 0.3007



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.4530, 0.3182, 0.2469



17.6253, 0.3196, 0.2282



10.9678, 0.3537, 0.2864



4.0760, 0.3140, 0.3084



5.7621, 0.3266, 0.1573



27.4673, 0.3269, 0.1575

Inverse Universe

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



11.4530, 0.3182, 0.2469



17.6253, 0.3196, 0.2282



17.1028, 0.2851, 0.3764



4.0760, 0.3140, 0.3084



5.7621, 0.3266, 0.1573



27.4673, 0.3269, 0.1575

Previews

White Background



This preview shows how the Yxy color 11.4525, 0.3182, 0.2469 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 11.4525, 0.3182, 0.2469 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 11.4525, 0.3182, 0.2469

Background



This preview shows how black text looks on a background with the Yxy color 11.4525, 0.3182, 0.2469.



This preview shows how white text looks on a background with the Yxy color 11.4525, 0.3182, 0.2469.

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

11.4525, 0.3182, 0.2469

Protanopia

11.5656, 0.2494, 0.2430

Deuteranopia

11.6368, 0.2756, 0.2717



Tritanopia

11.4390, 0.3588, 0.3146

Trichromacy



Original Color

11.4525, 0.3182, 0.2469

Protanomaly

11.3531, 0.2710, 0.2434

Deuteranomaly

11.4683, 0.2905, 0.2616

Tritanomaly

11.4051, 0.3428, 0.2884

Monochromacy



Original Color

11.4525, 0.3182, 0.2469

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.6695, 0.3143, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4525, 0.3182, 0.2469 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(124, 80, 123)` looks like.

```
.text, #text, p{  
    color:rgb(124, 80, 123)  
}
```

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(124, 80, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 80, 123) }
```

Border

The CSS property to change the border of an element to Yxy 11.4525, 0.3182, 0.2469 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(124, 80, 123) }
```

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

```
.border{ border-color:rgb(124, 80, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 80, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 80, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 80, 123);  
box-shadow:4px 4px 4px 4px rgb(124, 80,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4525, 0.3182, 0.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 80, 123) }
```

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

```
.background{ background-color: rgb(124, 80,  
123) }
```

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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