

Converting Colors

$Y_{xy}(11.7007, 0.3181, 0.2475)$

Have a look what the booklet for
Yxy(11.7007, 0.3181, 0.2475)
contains.

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Color

Yxy(11.7001, 0.3181, 0.2475)

Conversions

Conversions Part 1

Format	Color
Hex	7D517C
RGB	125, 81, 124
RGB Percent	49%, 32%, 49%
CMY	0.5098, 0.6823, 0.5137
CMYK	0.00, 0.35, 0.01, 0.51
HSL	301°, 21%, 40%
HSV	301°, 35%, 49%
XYZ	15.0376, 11.7001, 20.5354
YIQ	99.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

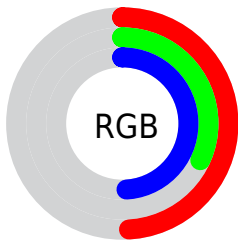
Format	Color
R_{YB}	125, 81, 124
Decimal	8212860
CIE _{Lab}	40.74, 25.88, -16.88
CIE _{LCh}	41, 30.894, 326.891
Yxy	11.7001, 0.3181, 0.2475
Android (android.graphics.Color)	4286402940 (0xFF7D517C)
YUV	99.0580, 12.2964, 22.7511
Hunter-Lab	34.2054, 18.6138, -11.6514

Details

The Yxy color **11.7001, 0.3181, 0.2475** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.0249, 0.3070, 0.4267**, and the grayscale version is **12.4592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8719, 0.3168, 0.2658**, and **3.2059, 0.3181, 0.2137** is the 20% darker color. If you saturate the color by 10%, you get **10.0035, 0.3197, 0.2256**, and if you desaturate by 10%, it is **13.7397, 0.3165, 0.2706**.

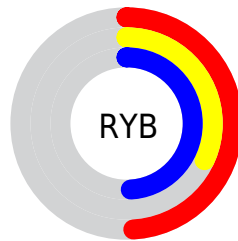
Distribution



Red (49%)

Green (32%)

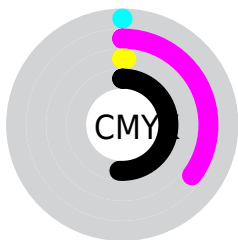
Blue (49%)



Red (49%)

Yellow (32%)

Blue (49%)

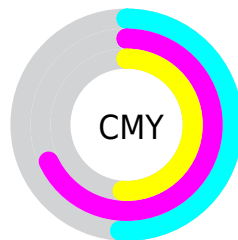


Cyan (0%)

Magenta (35%)

Yellow (1%)

Black (51%)



Cyan (51%)


Magenta (68%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7001, 0.3181, 0.2475 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 11.7001, 0.3181, 0.2475 by changing the saturation by 10% instead.


 11.7001, 0.3181,
0.2475


 11.7001, 0.3181,
0.2475


202.4096, 0.3159,
0.2947


 6.5398, 0.3182,
0.2330


 28.9477, 0.3175,
0.2665


 3.1760, 0.3179,
0.2124

 41.8038, 0.3172,
0.2730


 1.2243, 0.3161,
0.1811

 57.9940, 0.3169,
0.2784

 0.0814, 0.3389,
0.0389

 77.9026, 0.3167,
0.2827

 0.0000, 0.0000,
0.0000

 101.9141, 0.3165,
0.2864

130.4128, 0.3162,

0.2896

163.7832, 0.3161,
0.2923

■ 11.7001, 0.3181,
0.2475

■ 11.7001, 0.3181,
0.2475

■ 10.0035, 0.3197,
0.2256

■ 13.7397, 0.3165,
0.2706

■ 8.6297, 0.3212,
0.2058

■ 16.1383, 0.3149,
0.2940

■ 7.5585, 0.3227,
0.1887

■ 18.9124, 0.3135,
0.3172

■ 6.7669, 0.3240,
0.1752

■ 22.0773, 0.3121,
0.3397

■ 6.2288, 0.3251,
0.1656

■ 25.6473, 0.3108,
0.3609

■ 5.9029, 0.3260,
0.1596

■ 29.6360, 0.3096,
0.3809

■ 5.7692, 0.3264,
0.1572

■ 34.0566, 0.3086,
0.3993

■ 38.9213, 0.3076,
0.4162

■ 44.2421, 0.3068,
0.4317

Harmonies

Analogous

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



11.7001, 0.2543, 0.2265



11.7001, 0.3181, 0.2475



11.7001, 0.3875, 0.2855

Triad

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



11.7001, 0.3181, 0.2475



11.7001, 0.4182, 0.4311



11.7001, 0.2019, 0.3040

Complementary

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



11.7001, 0.3181, 0.2475



17.0249, 0.3070, 0.4267

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.



11.7001, 0.2377, 0.3748



11.7001, 0.3181, 0.2475



11.7001, 0.3621, 0.4545

Square

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



11.7001, 0.3181, 0.2475



11.7001, 0.4476, 0.3855



11.7001, 0.2959, 0.4354



11.7001, 0.1933, 0.2520

Rectangle

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



11.7001, 0.3181, 0.2475



11.7001, 0.4243, 0.3170



11.7001, 0.2959, 0.4354



11.7001, 0.2109, 0.3265

Sweetspot

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



11.7006, 0.3181, 0.2475



30.7713, 0.3143, 0.3032



9.1483, 0.2533, 0.2294



6.8809, 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.



11.7006, 0.3181, 0.2475



18.5266, 0.3194, 0.2302



11.2099, 0.3533, 0.2867



4.4108, 0.3140, 0.3082



6.0216, 0.3264, 0.1572



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.7006, 0.3181, 0.2475



18.5266, 0.3194, 0.2302



17.4098, 0.2853, 0.3759



4.4108, 0.3140, 0.3082



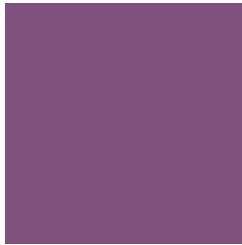
6.0216, 0.3264, 0.1572



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.7001, 0.3181, 0.2475 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 11.7001, 0.3181, 0.2475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

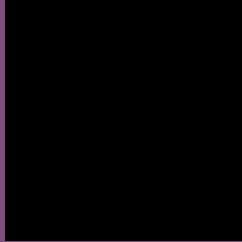
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7001, 0.3181, 0.2475

Background



This preview shows how black text looks on a background with the Yxy color 11.7001, 0.3181, 0.2475.



This preview shows how white text looks on a background with the Yxy color 11.7001, 0.3181, 0.2475.

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

11.7001, 0.3181, 0.2475

Protanopia

11.8185, 0.2499, 0.2437

Deuteranopia

11.8921, 0.2759, 0.2721



Tritanopia

11.6895, 0.3584, 0.3147

Trichromacy



Original Color

11.7001, 0.3181, 0.2475

Protanomaly

11.6037, 0.2713, 0.2441

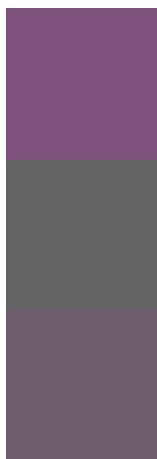
Deuteranomaly

11.7207, 0.2907, 0.2622

Tritanomaly

11.6545, 0.3425, 0.2887

Monochromacy



Original Color

11.7001, 0.3181, 0.2475

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

11.9251, 0.3143, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7001, 0.3181, 0.2475 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(125, 81, 124)` looks like.

```
.text, #text, p{  
  color:rgb(125, 81, 124)  
}
```

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(125, 81, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 81, 124) }
```

Border

The CSS property to change the border of an element to Yxy 11.7001, 0.3181, 0.2475 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(125, 81, 124) }
```

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

```
.border{ border-color:rgb(125, 81, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 81, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 81, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 81, 124);  
box-shadow:4px 4px 4px 4px rgb(125, 81,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7001, 0.3181, 0.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 81, 124) }
```

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

```
.background{ background-color: rgb(125, 81,  
124) }
```

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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