

Converting Colors

$Y_{xy}(11.7123, 0.3012, 0.2446)$

Have a look what the booklet for
Yxy(11.7123, 0.3012, 0.2446)
contains.

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Color

Yxy(11.6549, 0.3014, 0.2450)

Conversions

Conversions Part 1

Format	Color
Hex	75547F
RGB	117, 84, 127
RGB Percent	46%, 33%, 50%
CMY	0.5412, 0.6706, 0.5019
CMYK	0.08, 0.34, 0.00, 0.50
HSL	286°, 20%, 41%
HSV	286°, 34%, 50%
XYZ	14.3379, 11.6549, 21.5782
YIQ	98.7690, 5.8650, 20.3690

Conversions

Conversions Part 2

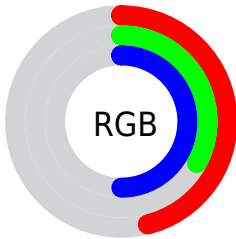
Format	Color
R_{YB}	117, 84, 127
Decimal	7689343
CIE _{Lab}	40.66, 21.93, -18.91
CIE _{LCh}	41, 28.959, 319.230
Yxy	11.6549, 0.3014, 0.2450
Android (android.graphics.Color)	4285879423 (0xFF75547F)
YUV	98.7690, 13.9179, 15.9886
Hunter-Lab	34.1393, 15.2232, -13.5776

Details

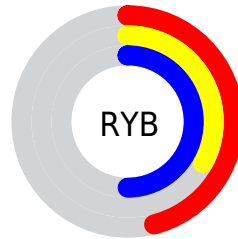
The Yxy color **11.6549, 0.3014, 0.2450** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.2039, 0.3198, 0.4215**, and the grayscale version is **12.3800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8915, 0.3052, 0.2645**, and **3.1652, 0.2929, 0.2082** is the 20% darker color. If you saturate the color by 10%, you get **9.6576, 0.2968, 0.2197**, and if you desaturate by 10%, it is **14.0173, 0.3054, 0.2706**.

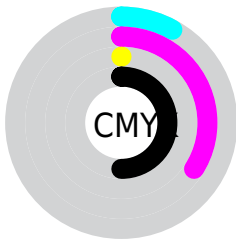
Distribution



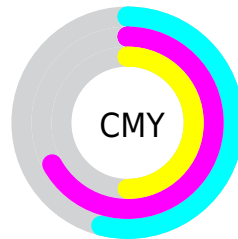
- Red (46%)
- Green (33%)
- Blue (50%)



- Red (46%)
- Yellow (33%)
- Blue (50%)



- Cyan (8%)
- Magenta (34%)
- Yellow (0%)
- Black (50%)





- Cyan (54%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6549, 0.3014, 0.2450 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 11.6549, 0.3014, 0.2450 by changing the saturation by 10% instead.


 11.6549, 0.3014,
0.2450


 11.6549, 0.3014,
0.2450


202.1071, 0.3092,
0.2937


 6.5092, 0.2982,
0.2300


 28.8650, 0.3050,
0.2646

 3.1571, 0.2930,
0.2087

 41.6981, 0.3061,
0.2714

 1.2143, 0.2833,
0.1765

 57.8625, 0.3069,
0.2769

 0.0733, 0.2814,
0.0341

 77.7426, 0.3076,
0.2814

 0.0000, 0.0000,
0.0000

 101.7226, 0.3081,
0.2852

130.1871, 0.3086,

0.2885

163.5205, 0.3089,
0.2913

■ 11.6549, 0.3014,
0.2450

■ 11.6549, 0.3014,
0.2450

■ 9.6576, 0.2968,
0.2197

■ 14.0173, 0.3054,
0.2706

■ 8.0044, 0.2916,
0.1955

■ 16.7612, 0.3089,
0.2958

■ 6.6746, 0.2860,
0.1735


■ 19.9039, 0.3117,
0.3200

■ 5.6447, 0.2801,
0.1546


■ 23.4610, 0.3141,
0.3428

■ 4.8876, 0.2741,
0.1396


■ 27.4475, 0.3160,
0.3640


 4.3687, 0.2681,
0.1288

 31.8776, 0.3175,
0.3835

 4.0982, 0.2644,
0.1230

 36.7646, 0.3187,
0.4014

 42.1216, 0.3196,
0.4176

 47.9609, 0.3202,
0.4322

Harmonies

Analogous

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



11.6549, 0.2452, 0.2299



11.6549, 0.3014, 0.2450



11.6549, 0.3672, 0.2776

Triad

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



11.6549, 0.3014, 0.2450



11.6549, 0.4225, 0.4162



11.6549, 0.2143, 0.3220

Complementary

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



11.6549, 0.3014, 0.2450



18.2039, 0.3198, 0.4215

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.



11.6549, 0.2547, 0.3886



11.6549, 0.3014, 0.2450



11.6549, 0.3748, 0.4444

Square

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



11.6549, 0.3014, 0.2450



11.6549, 0.4408, 0.3708



11.6549, 0.3133, 0.4371



11.6549, 0.1993, 0.2670

Rectangle

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



11.6549, 0.3014, 0.2450



11.6549, 0.4057, 0.3062



11.6549, 0.3133, 0.4371



11.6549, 0.2252, 0.3441

Sweetspot

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



11.6554, 0.3014, 0.2450



31.9642, 0.3100, 0.3047



11.4298, 0.2577, 0.2562



7.3318, 0.3096, 0.3018



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



11.6554, 0.3014, 0.2450



17.9174, 0.2977, 0.2244



12.1045, 0.3339, 0.2685



4.3635, 0.3103, 0.3075



4.1314, 0.2644, 0.1230



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.6626, 0.3697, 0.3092



17.9828, 0.3899, 0.3044



17.9028, 0.2968, 0.3985



4.3594, 0.3245, 0.3240



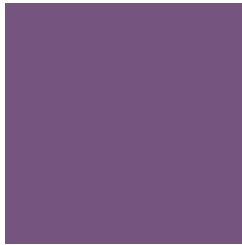
4.6427, 0.5910, 0.3029



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.6549, 0.3014, 0.2450 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 11.6549, 0.3014, 0.2450 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 11.6549, 0.3014, 0.2450

Background



This preview shows how black text looks on a background with the Yxy color 11.6549, 0.3014, 0.2450.



This preview shows how white text looks on a background with the Yxy color 11.6549, 0.3014, 0.2450.

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

11.6549, 0.3014, 0.2450

Protanopia

11.8185, 0.2499, 0.2437

Deuteranopia

11.6597, 0.2673, 0.2614



Tritanopia

11.6861, 0.3393, 0.3141

Trichromacy



Original Color

11.6549, 0.3014, 0.2450

Protanomaly

11.6349, 0.2665, 0.2436

Deuteranomaly

11.5280, 0.2786, 0.2534

Tritanomaly

11.6396, 0.3242, 0.2873

Monochromacy



Original Color

11.6549, 0.3014, 0.2450

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.1737, 0.3097, 0.2967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6549, 0.3014, 0.2450 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(117, 84, 127)` looks like.

```
.text, #text, p{  
    color:rgb(117, 84, 127)  
}
```

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(117, 84, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 84, 127) }
```

Border

The CSS property to change the border of an element to Yxy 11.6549, 0.3014, 0.2450 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(117, 84, 127) }
```

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

```
.border{ border-color:rgb(117, 84, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 84, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 84, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 84, 127); box-shadow:4px 4px 4px 4px rgb(117, 84, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6549, 0.3014, 0.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 84, 127) }
```

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

```
.background{ background-color: rgb(117, 84,  
127) }
```

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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