

Converting Colors

$Y_{xy}(24.8254, 0.3062, 0.2530)$

Have a look what the booklet for
Yxy(24.8254, 0.3062, 0.2530)
contains.

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Color

Yxy(24.7301, 0.3062, 0.2524)

Conversions

Conversions Part 1

Format	Color
Hex	A579AE
RGB	165, 121, 174
RGB Percent	65%, 47%, 68%
CMY	0.3528, 0.5255, 0.3176
CMYK	0.05, 0.30, 0.00, 0.32
HSL	290°, 25%, 58%
HSV	290°, 30%, 68%
XYZ	30.0014, 24.7301, 43.2483
YIQ	140.1980, 9.2110, 25.8110

Conversions

Conversions Part 2

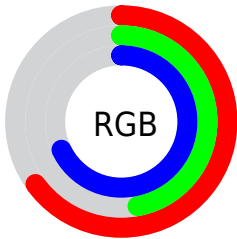
Format	Color
R _Y B	165, 121, 174
Decimal	10844590
CIE Lab	56.81, 26.60, -21.48
CIE LCh	57, 34.186, 321.074
Yxy	24.7301, 0.3062, 0.2524
Android (android.graphics.Color)	4289034670 (0xFFA579AE)
YUV	140.1980, 16.6644, 21.7514
Hunter-Lab	49.7294, 20.6615, -16.7523

Details

The Yxy color **24.7301, 0.3062, 0.2524** is a light color, and the websafe version is hex **996699**. A complement of this color would be **36.4051, 0.3164, 0.4144**, and the grayscale version is **26.2391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3574, 0.3081, 0.2671**, and **9.4600, 0.3024, 0.2298** is the 20% darker color. If you saturate the color by 10%, you get **20.5641, 0.3031, 0.2270**, and if you desaturate by 10%, it is **29.6684, 0.3088, 0.2782**.

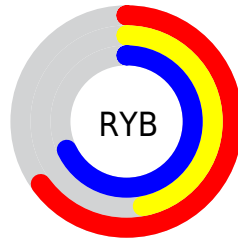
Distribution



Red (65%)

Green (47%)

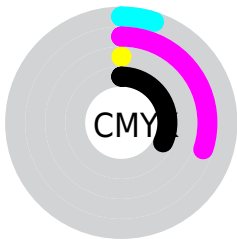
Blue (68%)



Red (65%)

Yellow (47%)

Blue (68%)

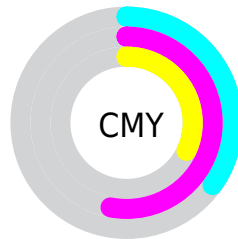


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (32%)



Cyan (35%)


Magenta (53%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7301, 0.3062, 0.2524 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 24.7301, 0.3062, 0.2524 by changing the saturation by 10% instead.


 24.7301, 0.3062,
0.2524


 24.7301, 0.3062,
0.2524


276.4911, 0.3106,
0.2923

 15.8761, 0.3046,
0.2420


 51.2190, 0.3081,
0.2673

 9.4365, 0.3023,
0.2283


 69.6227, 0.3088,
0.2727

 5.0270, 0.2987,
0.2098


 91.9785, 0.3092,
0.2773

 2.2631, 0.2923,
0.1834

118.6706, 0.3096,
0.2812

 0.7541, 0.2798,
0.1424

150.0835, 0.3100,
0.2846

 0.0000, 0.2180,
0.0000

186.6017, 0.3102,

 0.0000, 0.0000,

0.2875

0.0000

228.6094, 0.3104,
0.2900

■ 24.7301, 0.3062,
0.2524

■ 24.7301, 0.3062,
0.2524

■ 20.5641, 0.3031,
0.2270

■ 29.6684, 0.3088,
0.2782

■ 17.1262, 0.2996,
0.2028

■ 35.4139, 0.3109,
0.3035

■ 14.3725, 0.2958,
0.1809


■ 42.0031, 0.3126,
0.3279


■ 12.2530, 0.2916,
0.1622


■ 49.4694, 0.3140,
0.3508


■ 10.7109, 0.2872,
0.1476

■ 57.8443, 0.3150,
0.3721

 9.6791, 0.2828,
0.1373

 67.1579, 0.3158,
0.3917

 9.0341, 0.2786,
0.1308

 77.4386, 0.3163,
0.4095

 85.3484, 0.3171,
0.4209

 85.7284, 0.3189,
0.4204

Harmonies

Analogous

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



24.7301, 0.2531, 0.2373



24.7301, 0.3062, 0.2524



24.7301, 0.3665, 0.2837

Triad

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



24.7301, 0.3062, 0.2524



24.7301, 0.4122, 0.4124



24.7301, 0.2202, 0.3195

Complementary

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



24.7301, 0.3062, 0.2524



36.4051, 0.3164, 0.4144

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.



24.7301, 0.2566, 0.3799



24.7301, 0.3062, 0.2524



24.7301, 0.3674, 0.4357

Square

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



24.7301, 0.3062, 0.2524



24.7301, 0.4306, 0.3714



24.7301, 0.3103, 0.4257



24.7301, 0.2073, 0.2698

Rectangle

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



24.7301, 0.3062, 0.2524



24.7301, 0.4008, 0.3110



24.7301, 0.3103, 0.4257



24.7301, 0.2298, 0.3395

Sweetspot

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



24.7312, 0.3062, 0.2524



65.7045, 0.3112, 0.3068



23.2753, 0.2617, 0.2581



14.2448, 0.3109, 0.3033



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



24.7312, 0.3062, 0.2524



39.2859, 0.3041, 0.2341



25.1147, 0.3350, 0.2767



8.0784, 0.3111, 0.3065



6.5729, 0.2791, 0.1311



0.2007, 0.2925, 0.1385

Inverse Universe

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



24.2836, 0.3683, 0.3157



38.4027, 0.3872, 0.3125



36.1738, 0.2959, 0.3879



8.0367, 0.3261, 0.3252



6.5992, 0.6119, 0.3145



0.1901, 0.5395, 0.2746

Previews

White Background



This preview shows how the Yxy color 24.7301, 0.3062, 0.2524 looks on a white background.

Color Contrast Check

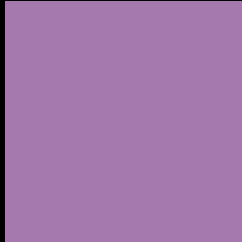
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7301, 0.3062, 0.2524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

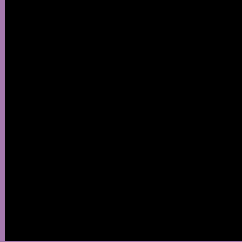
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7301, 0.3062, 0.2524

Background



This preview shows how black text looks on a background with the Yxy color 24.7301, 0.3062, 0.2524.



This preview shows how white text looks on a background with the Yxy color 24.7301, 0.3062, 0.2524.

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

24.7301, 0.3062, 0.2524

Protanopia

24.9262, 0.2557, 0.2515

Deuteranopia

24.9343, 0.2743, 0.2683



Tritanopia

24.7469, 0.3395, 0.3134

Trichromacy



Original Color

24.7301, 0.3062, 0.2524

Protanomaly

24.6638, 0.2728, 0.2519

Deuteranomaly

24.6469, 0.2849, 0.2610

Tritanomaly

24.5830, 0.3274, 0.2893

Monochromacy



Original Color

24.7301, 0.3062, 0.2524

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4316, 0.3108, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7301, 0.3062, 0.2524 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(165, 121, 174)` looks like.

```
.text, #text, p{  
    color:rgb(165, 121, 174)  
}
```

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(165, 121, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 121, 174) }
```

Border

The CSS property to change the border of an element to Yxy 24.7301, 0.3062, 0.2524 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(165, 121, 174) }
```

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

```
.border{ border-color:rgb(165, 121, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 121, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 121, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 121, 174);  
box-shadow:4px 4px 4px 4px rgb(165, 121,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7301, 0.3062, 0.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 121, 174) }
```

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

```
.background{ background-color: rgb(165,  
121, 174) }
```

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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