

Converting Colors

$Y_{xy}(27.5592, 0.3275, 0.2473)$

Have a look what the booklet for
Yxy(27.5592, 0.3275, 0.2473)
contains.

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Color

Yxy(27.6474, 0.3266, 0.2472)

Conversions

Conversions Part 1

Format	Color
Hex	BF77B6
RGB	191, 119, 182
RGB Percent	75%, 47%, 71%
CMY	0.2509, 0.5333, 0.2863
CMYK	0.00, 0.38, 0.05, 0.25
HSL	308°, 36%, 61%
HSV	308°, 38%, 75%
XYZ	36.5277, 27.6474, 47.6672
YIQ	147.7100, 22.6890, 34.8570

Conversions

Conversions Part 2

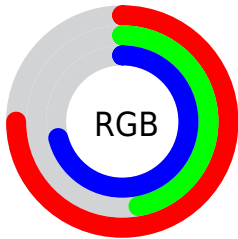
Format	Color
R _Y B	191, 119, 182
Decimal	12548022
CIE Lab	59.57, 37.79, -21.57
CIE LCh	60, 43.517, 330.285
Yxy	27.6474, 0.3266, 0.2472
Android (android.graphics.Color)	4290738102 (0xFFBF77B6)
YUV	147.7100, 16.9050, 37.9653
Hunter-Lab	52.5808, 31.9869, -16.9428

Details

The Yxy color **27.6474, 0.3266, 0.2472** is a light color, and the websafe version is hex **996699**. A complement of this color would be **42.7463, 0.3015, 0.4276**, and the grayscale version is **29.4093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0166, 0.3241, 0.2628**, and **10.9535, 0.3291, 0.2228** is the 20% darker color. If you saturate the color by 10%, you get **23.4520, 0.3311, 0.2268**, and if you desaturate by 10%, it is **32.7606, 0.3224, 0.2688**.

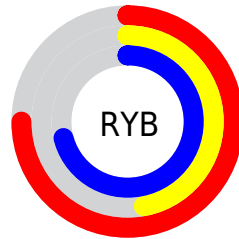
Distribution



Red (75%)

Green (47%)

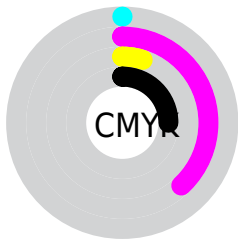
Blue (71%)



Red (75%)

Yellow (47%)

Blue (71%)

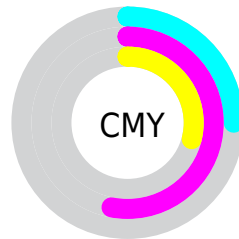


Cyan (0%)

Magenta (38%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (53%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6474, 0.3266, 0.2472 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 27.6474, 0.3266, 0.2472 by changing the saturation by 10% instead.


 27.6474, 0.3266,
0.2472


 27.6474, 0.3266,
0.2472


290.7782, 0.3203,
0.2887


 18.0600, 0.3279,
0.2368


 55.9210, 0.3245,
0.2623

 10.9931, 0.3295,
0.2233


 75.3760, 0.3236,
0.2680

 6.0622, 0.3312,
0.2055


 98.8891, 0.3229,
0.2728

 2.8829, 0.3329,
0.1808

126.8445, 0.3222,
0.2769

 1.0709, 0.3337,
0.1450

159.6267, 0.3217,
0.2804

 0.0000, 0.3624,
0.0000

197.6202, 0.3212,

 0.0000, 0.0000,

0.2835

0.0000

241.2092, 0.3207,
0.2862

■ 27.6474, 0.3266,
0.2472

■ 27.6474, 0.3266,
0.2472

■ 23.4520, 0.3311,
0.2268

■ 32.7606, 0.3224,
0.2688

■ 20.1156, 0.3359,
0.2087

■ 38.8383, 0.3185,
0.2909

■ 17.5785, 0.3407,
0.1937


■ 45.9286, 0.3151,
0.3127


■ 15.7717, 0.3455,
0.1827


■ 54.0752, 0.3121,
0.3338

■ 14.6145, 0.3501,
0.1760


■ 63.3193, 0.3094,
0.3537


 13.9876, 0.3543,
0.1735

 73.6998, 0.3072,
0.3723

 13.8718, 0.3553,
0.1731

 85.2538, 0.3052,
0.3895

 86.8201, 0.3039,
0.3891

 86.9336, 0.3026,
0.3863

Harmonies

Analogous

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



27.6474, 0.2577, 0.2230



27.6474, 0.3266, 0.2472



27.6474, 0.3992, 0.2884

Triad

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



27.6474, 0.3266, 0.2472



27.6474, 0.4178, 0.4405



27.6474, 0.1938, 0.2946

Complementary

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



27.6474, 0.3266, 0.2472



42.7463, 0.3015, 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.



27.6474, 0.2279, 0.3687



27.6474, 0.3266, 0.2472



27.6474, 0.3564, 0.4623

Square

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



27.6474, 0.3266, 0.2472



27.6474, 0.4533, 0.3934



27.6474, 0.2868, 0.4368



27.6474, 0.1882, 0.2432

Rectangle

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



27.6474, 0.3266, 0.2472



27.6474, 0.4359, 0.3218



27.6474, 0.2868, 0.4368



27.6474, 0.2020, 0.3176

Sweetspot

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



27.6486, 0.3266, 0.2472



77.6269, 0.3162, 0.3052



21.4985, 0.2520, 0.2184



16.6590, 0.3167, 0.3022



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



27.6486, 0.3266, 0.2472



43.3657, 0.3302, 0.2307



26.3654, 0.3683, 0.2915



9.6752, 0.3156, 0.3092



9.1235, 0.3548, 0.1728



0.3632, 0.3456, 0.1677

Inverse Universe

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



27.6486, 0.3266, 0.2472



43.3657, 0.3302, 0.2307



43.8465, 0.2780, 0.3706



9.6752, 0.3156, 0.3092



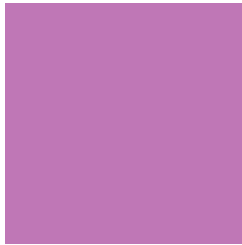
9.1235, 0.3548, 0.1728



0.3632, 0.3456, 0.1677

Previews

White Background



This preview shows how the Yxy color 27.6474, 0.3266, 0.2472 looks on a white background.

Color Contrast Check

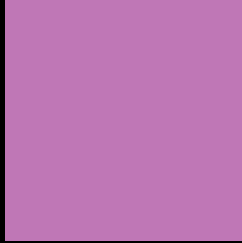
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6474, 0.3266, 0.2472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

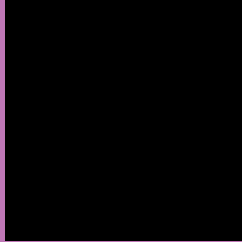
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6474, 0.3266, 0.2472

Background



This preview shows how black text looks on a background with the Yxy color 27.6474, 0.3266, 0.2472.



This preview shows how white text looks on a background with the Yxy color 27.6474, 0.3266, 0.2472.

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

27.6474, 0.3266, 0.2472

Protanopia

27.9815, 0.2507, 0.2441

Deuteranopia

27.8396, 0.2776, 0.2724



Tritanopia

27.5876, 0.3690, 0.3150

Trichromacy



Original Color

27.6474, 0.3266, 0.2472



Protanomaly

27.3845, 0.2738, 0.2440



Deuteranomaly

27.4007, 0.2949, 0.2621



Tritanomaly

27.5651, 0.3530, 0.2891

Monochromacy



Original Color

27.6474, 0.3266, 0.2472



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.3219, 0.3186, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6474, 0.3266, 0.2472 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(191, 119, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 119, 182)  
}
```

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(191, 119, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 119, 182) }
```

Border

The CSS property to change the border of an element to Yxy 27.6474, 0.3266, 0.2472 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(191, 119, 182) }
```

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

```
.border{ border-color:rgb(191, 119, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 119, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 119, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 119, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 119,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6474, 0.3266, 0.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 119, 182) }
```

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

```
.background{ background-color: rgb(191,  
119, 182) }
```

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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