

Converting Colors

$Yxy(26.8507, 0.3046, 0.2506)$

Have a look what the booklet for
Yxy(26.8507, 0.3046, 0.2506)
contains.

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Color

Yxy(26.9570, 0.3045, 0.2510)

Conversions

Conversions Part 1

Format	Color
Hex	AB7EB6
RGB	171, 126, 182
RGB Percent	67%, 49%, 71%
CMY	0.3293, 0.5059, 0.2862
CMYK	0.06, 0.31, 0.00, 0.29
HSL	288°, 28%, 60%
HSV	288°, 31%, 71%
XYZ	32.7028, 26.9570, 47.7386
YIQ	145.8390, 8.8440, 26.9560

Conversions

Conversions Part 2

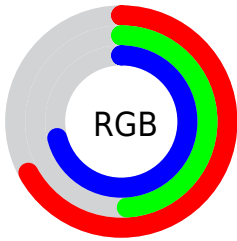
Format	Color
R _Y B	171, 126, 182
Decimal	11239094
CIE Lab	58.93, 27.37, -22.74
CIE LCh	59, 35.584, 320.278
Yxy	26.9570, 0.3045, 0.2510
Android (android.graphics.Color)	4289429174 (0xFFAB7EB6)
YUV	145.8390, 17.8274, 22.0662
Hunter-Lab	51.9201, 21.5712, -18.1708

Details

The Yxy color **26.9570, 0.3045, 0.2510** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.2811, 0.3177, 0.4154**, and the grayscale version is **28.5993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7441, 0.3068, 0.2656**, and **10.6054, 0.3002, 0.2271** is the 20% darker color. If you saturate the color by 10%, you get **22.3241, 0.3008, 0.2252**, and if you desaturate by 10%, it is **32.4498, 0.3077, 0.2771**.

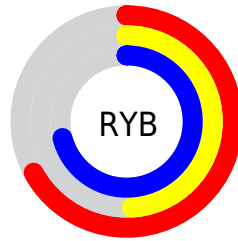
Distribution



Red (67%)

Green (49%)

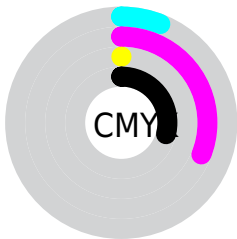
Blue (71%)



Red (67%)

Yellow (49%)

Blue (71%)

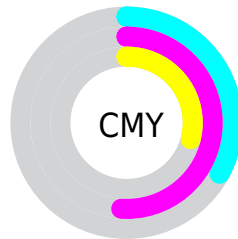


Cyan (6%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (33%)


Magenta (51%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9570, 0.3045, 0.2510 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 26.9570, 0.3045, 0.2510 by changing the saturation by 10% instead.


 26.9570, 0.3045,
0.2510

 26.9570, 0.3045,
0.2510


287.4489, 0.3098,
0.2910


 17.5409, 0.3027,
0.2408


 54.8149, 0.3067,
0.2658

 10.6209, 0.3002,
0.2275


 74.0254, 0.3075,
0.2712

 5.8125, 0.2963,
0.2097


 97.2696, 0.3081,
0.2758

 2.7314, 0.2897,
0.1847

124.9319, 0.3086,
0.2798

 0.9932, 0.2773,
0.1477

157.3965, 0.3090,
0.2832

 0.0000, 0.2638,
0.0000

195.0480, 0.3093,

 0.0000, 0.0000,

0.2861

0.0000

238.2706, 0.3096,
0.2887

■ 26.9570, 0.3045,
0.2510

■ 26.9570, 0.3045,
0.2510

■ 22.3241, 0.3008,
0.2252

■ 32.4498, 0.3077,
0.2771

■ 18.5016, 0.2965,
0.2006

■ 38.8416, 0.3104,
0.3027

■ 15.4403, 0.2918,
0.1782


■ 46.1733, 0.3126,
0.3272


■ 13.0839, 0.2869,
0.1592


■ 54.4821, 0.3143,
0.3502


■ 11.3688, 0.2817,
0.1442


■ 63.8035, 0.3157,
0.3715

 10.2190, 0.2765,
0.1336

 74.1709, 0.3167,
0.3911

 9.5177, 0.2718,
0.1271

 85.6162, 0.3175,
0.4089

 87.1185, 0.3195,
0.4099

 87.6144, 0.3218,
0.4094

Harmonies

Analogous

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



26.9570, 0.2512, 0.2362



26.9570, 0.3045, 0.2510



26.9570, 0.3655, 0.2823

Triad

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



26.9570, 0.3045, 0.2510



26.9570, 0.4141, 0.4123



26.9570, 0.2199, 0.3209

Complementary

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



26.9570, 0.3045, 0.2510



40.2811, 0.3177, 0.4154

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.



26.9570, 0.2572, 0.3821



26.9570, 0.3045, 0.2510



26.9570, 0.3693, 0.4367

Square

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



26.9570, 0.3045, 0.2510



26.9570, 0.4319, 0.3705



26.9570, 0.3117, 0.4277



26.9570, 0.2063, 0.2702

Rectangle

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



26.9570, 0.3045, 0.2510



26.9570, 0.4007, 0.3096



26.9570, 0.3117, 0.4277



26.9570, 0.2298, 0.3412

Sweetspot

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



26.9582, 0.3045, 0.2510



72.4535, 0.3108, 0.3067



25.7599, 0.2611, 0.2585



15.5987, 0.3104, 0.3031



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.9582, 0.3045, 0.2510



42.9532, 0.3020, 0.2332



27.5899, 0.3343, 0.2748



9.0714, 0.3107, 0.3063



6.7487, 0.2724, 0.1274



0.2610, 0.2856, 0.1347

Inverse Universe

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



26.6714, 0.3674, 0.3134



42.4291, 0.3850, 0.3098



39.8706, 0.2964, 0.3903



9.0402, 0.3258, 0.3245



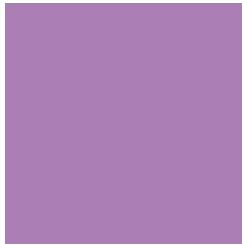
7.1194, 0.6057, 0.3110



0.2596, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 26.9570, 0.3045, 0.2510 looks on a white background.

Color Contrast Check

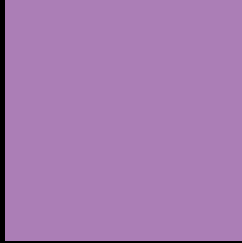
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9570, 0.3045, 0.2510 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 26.9570, 0.3045, 0.2510

Background



This preview shows how black text looks on a background with the Yxy color 26.9570, 0.3045, 0.2510.



This preview shows how white text looks on a background with the Yxy color 26.9570, 0.3045, 0.2510.

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

26.9570, 0.3045, 0.2510

Protanopia

27.1184, 0.2544, 0.2486

Deuteranopia

26.9542, 0.2728, 0.2672



Tritanopia

26.7880, 0.3374, 0.3124

Trichromacy



Original Color

26.9570, 0.3045, 0.2510

Protanomaly

26.8417, 0.2706, 0.2490

Deuteranomaly

26.7350, 0.2839, 0.2603

Tritanomaly

26.6494, 0.3248, 0.2876

Monochromacy



Original Color

26.9570, 0.3045, 0.2510

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9370, 0.3099, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9570, 0.3045, 0.2510 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(171, 126, 182)` looks like.

```
.text, #text, p{  
    color:rgb(171, 126, 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(171, 126, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 126, 182) }
```

Border

The CSS property to change the border of an element to Yxy 26.9570, 0.3045, 0.2510 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(171, 126, 182) }
```

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

```
.border{ border-color:rgb(171, 126, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 126, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 126, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 126, 182); box-shadow:4px 4px 4px 4px rgb(171, 126, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9570, 0.3045, 0.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 126, 182) }
```

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

```
.background{ background-color: rgb(171,  
126, 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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