

Converting Colors

$Y_{xy}(26.4995, 0.3095, 0.2558)$

Have a look what the booklet for
Yxy(26.4995, 0.3095, 0.2558)
contains.

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Color

Yxy(26.4995, 0.3095, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	AB7DB1
RGB	171, 125, 177
RGB Percent	67%, 49%, 69%
CMY	0.3295, 0.5098, 0.3058
CMYK	0.03, 0.29, 0.00, 0.31
HSL	293°, 25%, 59%
HSV	293°, 29%, 69%
XYZ	32.0625, 26.4995, 45.0326
YIQ	144.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

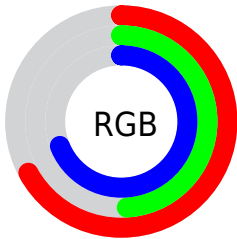
Format	Color
RYB	171, 125, 177
Decimal	11238833
CIELab	58.51, 26.91, -20.55
CIELCh	59, 33.855, 322.630
Yxy	26.4995, 0.3095, 0.2558
Android (android.graphics.Color)	4289428913 (0xFFAB7DB1)
YUV	144.6820, 15.9328, 23.0809
Hunter-Lab	51.4777, 21.0917, -15.8324

Details

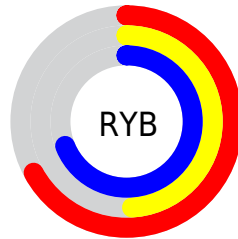
The Yxy color **26.4995, 0.3095, 0.2558** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.7646, 0.3139, 0.4117**, and the grayscale version is **28.1112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0549, 0.3106, 0.2695**, and **10.3389, 0.3075, 0.2333** is the 20% darker color. If you saturate the color by 10%, you get **22.1813, 0.3078, 0.2308**, and if you desaturate by 10%, it is **31.6224, 0.3109, 0.2812**.

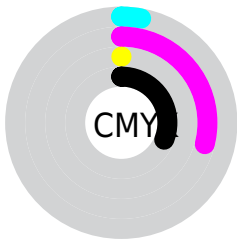
Distribution



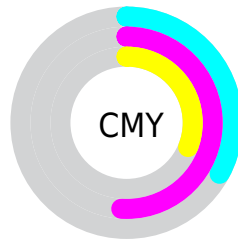
- Red (67%)
- Green (49%)
- Blue (69%)



- Red (67%)
- Yellow (49%)
- Blue (69%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (31%)




- Cyan (33%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4995, 0.3095, 0.2558 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 26.4995, 0.3095, 0.2558 by changing the saturation by 10% instead.


 26.4995, 0.3095,
0.2558

 26.4995, 0.3095,
0.2558


285.2256, 0.3121,
0.2936


 17.1977, 0.3085,
0.2460


 54.0797, 0.3107,
0.2698

 10.3755, 0.3070,
0.2333


 73.1268, 0.3110,
0.2750

 5.6487, 0.3045,
0.2161


 96.1912, 0.3113,
0.2793

 2.6326, 0.3000,
0.1917

123.6572, 0.3115,
0.2830

 0.9431, 0.2910,
0.1550

155.9093, 0.3117,
0.2862

 0.0000, 0.2797,
0.0000

193.3318, 0.3119,

 0.0000, 0.0000,

0.2890

0.0000

236.3091, 0.3120,
0.2915

■ 26.4995, 0.3095,
0.2558

■ 26.4995, 0.3095,
0.2558

■ 22.1813, 0.3078,
0.2308

■ 31.6224, 0.3109,
0.2812

■ 18.6220, 0.3057,
0.2073

■ 37.5858, 0.3120,
0.3063

■ 15.7762, 0.3034,
0.1860


■ 44.4276, 0.3128,
0.3305


■ 13.5926, 0.3008,
0.1681

■ 52.1824, 0.3133,
0.3533

■ 12.0127, 0.2979,
0.1541


■ 60.8827, 0.3137,
0.3746


 10.9680, 0.2950,
0.1445

 70.5598, 0.3139,
0.3942

 10.3249, 0.2921,
0.1385

 81.2431, 0.3139,
0.4121

 10.2885, 0.2919,
0.1382

 85.3154, 0.3147,
0.4176

 85.5775, 0.3160,
0.4173

Harmonies

Analogous

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



26.4995, 0.2572, 0.2402



26.4995, 0.3095, 0.2558



26.4995, 0.3676, 0.2870

Triad

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



26.4995, 0.3095, 0.2558



26.4995, 0.4075, 0.4118



26.4995, 0.2217, 0.3171

Complementary

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



26.4995, 0.3095, 0.2558



37.7646, 0.3139, 0.4117

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.



26.4995, 0.2561, 0.3753



26.4995, 0.3095, 0.2558



26.4995, 0.3632, 0.4327

Square

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



26.4995, 0.3095, 0.2558



26.4995, 0.4267, 0.3727



26.4995, 0.3076, 0.4208



26.4995, 0.2103, 0.2699

Rectangle

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



26.4995, 0.3095, 0.2558



26.4995, 0.4002, 0.3139



26.4995, 0.3076, 0.4208



26.4995, 0.2307, 0.3362

Sweetspot

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



26.5006, 0.3095, 0.2558



67.5571, 0.3120, 0.3069



23.7895, 0.2631, 0.2552



14.2894, 0.3118, 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.



26.5006, 0.3095, 0.2558



42.4769, 0.3085, 0.2402



26.4569, 0.3379, 0.2833



8.5956, 0.3120, 0.3064



7.4691, 0.2922, 0.1383



0.2491, 0.3007, 0.1430

Inverse Universe

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



25.6598, 0.3691, 0.3203



40.7769, 0.3862, 0.3184



37.8575, 0.2939, 0.3798



8.5208, 0.3269, 0.3264



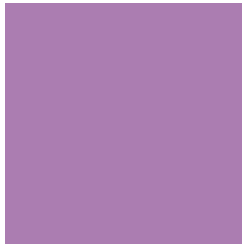
6.8153, 0.6236, 0.3209



0.2196, 0.5697, 0.2912

Previews

White Background



This preview shows how the Yxy color 26.4995, 0.3095, 0.2558 looks on a white background.

Color Contrast Check

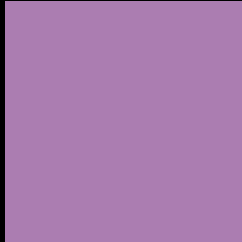
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4995, 0.3095, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

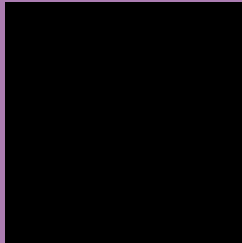
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4995, 0.3095, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 26.4995, 0.3095, 0.2558.



This preview shows how white text looks on a background with the Yxy color 26.4995, 0.3095, 0.2558.

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

26.4995, 0.3095, 0.2558

Protanopia

26.6423, 0.2594, 0.2550

Deuteranopia

26.6754, 0.2779, 0.2715



Tritanopia

26.5625, 0.3411, 0.3139

Trichromacy



Original Color

26.4995, 0.3095, 0.2558

Protanomaly

26.3984, 0.2764, 0.2554

Deuteranomaly

26.3937, 0.2885, 0.2643

Tritanomaly

26.3919, 0.3293, 0.2905

Monochromacy



Original Color

26.4995, 0.3095, 0.2558

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4813, 0.3109, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4995, 0.3095, 0.2558 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, 125, 177)` looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 177)  
}
```

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, 125, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 177) }
```

Border

The CSS property to change the border of an element to Yxy 26.4995, 0.3095, 0.2558 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, 125, 177) }
```

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

```
.border{ border-color:rgb(171, 125, 177) }
```

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

Here you see how a box with a 4 pixel rgb(171, 125, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 125, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 125, 177);  
box-shadow:4px 4px 4px 4px rgb(171, 125,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4995, 0.3095, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 177) }
```

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

```
.background{ background-color: rgb(171,  
125, 177) }
```

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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