

Converting Colors

$Y_{xy}(26.8711, 0.3119, 0.2282)$

Have a look what the booklet for
Yxy(26.8711, 0.3119, 0.2282)
contains.

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Color

Yxy(26.9753, 0.3120, 0.2283)

Conversions

Conversions Part 1

Format	Color
Hex	BD73C2
RGB	189, 115, 194
RGB Percent	74%, 45%, 76%
CMY	0.2586, 0.5491, 0.2391
CMYK	0.03, 0.41, 0.00, 0.24
HSL	296°, 39%, 61%
HSV	296°, 41%, 76%
XYZ	36.8651, 26.9753, 54.3169
YIQ	146.1320, 18.7450, 40.2570

Conversions

Conversions Part 2

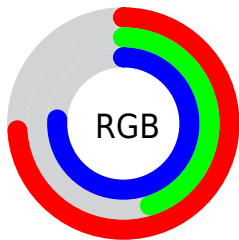
Format	Color
R_{YB}	189, 115, 194
Decimal	12415938
CIE _{Lab}	58.95, 41.57, -29.39
CIE _{LCh}	59, 50.913, 324.739
Yxy	26.9753, 0.3120, 0.2283
Android (android.graphics.Color)	4290606018 (0xFFBD73C2)
YUV	146.1320, 23.5989, 37.5952
Hunter-Lab	51.9378, 35.8070, -25.6495

Details

The Yxy color **26.9753, 0.3120, 0.2283** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **43.8215, 0.3105, 0.4516**, and the grayscale version is **28.6973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1151, 0.3133, 0.2468**, and **10.6286, 0.3093, 0.2004** is the 20% darker color. If you saturate the color by 10%, you get **22.8530, 0.3113, 0.2057**, and if you desaturate by 10%, it is **32.0324, 0.3125, 0.2526**.

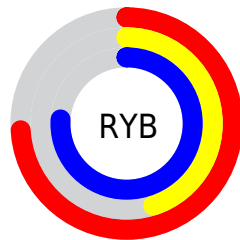
Distribution



Red (74%)

Green (45%)

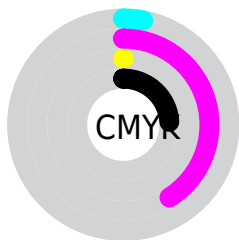
Blue (76%)



Red (74%)

Yellow (45%)

Blue (76%)

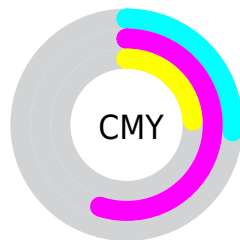


Cyan (3%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (26%)


Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9753, 0.3120, 0.2283 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 26.9753, 0.3120, 0.2283 by changing the saturation by 10% instead.


 26.9753, 0.3120,
0.2283


 26.9753, 0.3120,
0.2283


287.5375, 0.3140,
0.2786


 17.5547, 0.3109,
0.2159


 54.8442, 0.3131,
0.2465

 10.6307, 0.3092,
0.2003


 74.0613, 0.3134,
0.2533

 5.8191, 0.3063,
0.1799


 97.3127, 0.3136,
0.2591

 2.7354, 0.3010,
0.1524

124.9827, 0.3138,
0.2641

 0.9952, 0.2903,
0.1146

157.4558, 0.3139,
0.2685

 0.0000, 0.2839,
0.0000

195.1164, 0.3139,

 0.0000, 0.0000,

0.2723

0.0000

238.3488, 0.3140,
0.2756

■ 26.9753, 0.3120,
0.2283

■ 26.9753, 0.3120,
0.2283

■ 22.8530, 0.3113,
0.2057

■ 32.0324, 0.3125,
0.2526

■ 19.6031, 0.3104,
0.1859

■ 38.0745, 0.3127,
0.2777

■ 17.1611, 0.3093,
0.1696


■ 45.1526, 0.3128,
0.3028


■ 15.4521, 0.3080,
0.1575


■ 53.3130, 0.3127,
0.3272


■ 14.3871, 0.3065,
0.1497


■ 62.5993, 0.3125,
0.3505

 13.8176, 0.3051,
0.1455

 73.0525, 0.3123,
0.3722

 84.7117, 0.3119,
0.3923

 87.5339, 0.3125,
0.3963

 87.7015, 0.3132,
0.3962

Harmonies

Analogous

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



26.9753, 0.2360, 0.2050



26.9753, 0.3120, 0.2283



26.9753, 0.3996, 0.2715

Triad

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



26.9753, 0.3120, 0.2283



26.9753, 0.4437, 0.4471



26.9753, 0.1802, 0.3013

Complementary

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



26.9753, 0.3120, 0.2283



43.8215, 0.3105, 0.4516

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.



26.9753, 0.2238, 0.3930



26.9753, 0.3120, 0.2283



26.9753, 0.3755, 0.4848

Square

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



26.9753, 0.3120, 0.2283



26.9753, 0.4795, 0.3885



26.9753, 0.2951, 0.4693



26.9753, 0.1689, 0.2365

Rectangle

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



26.9753, 0.3120, 0.2283



26.9753, 0.4479, 0.3079



26.9753, 0.2951, 0.4693



26.9753, 0.1911, 0.3302

Sweetspot

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



26.9765, 0.3120, 0.2283



79.8066, 0.3128, 0.2992



21.0310, 0.2392, 0.2136



17.0861, 0.3128, 0.2959



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.9765, 0.3120, 0.2283



42.0428, 0.3114, 0.2078



26.2582, 0.3565, 0.2697



10.2142, 0.3128, 0.3062



9.0956, 0.3053, 0.1456



0.4029, 0.3090, 0.1476

Inverse Universe

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



25.0831, 0.4085, 0.3225



38.2071, 0.4424, 0.3213



44.4149, 0.2849, 0.3978



10.0879, 0.3279, 0.3276



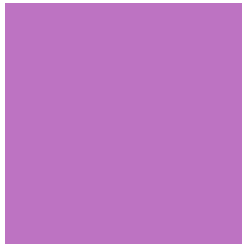
7.5629, 0.6323, 0.3257



0.3304, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 26.9753, 0.3120, 0.2283 looks on a white background.

Color Contrast Check

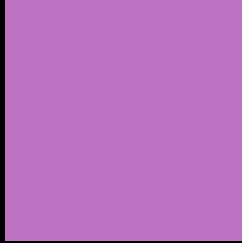
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9753, 0.3120, 0.2283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

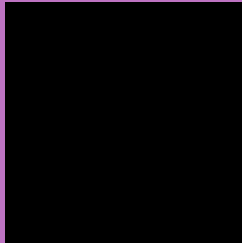
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9753, 0.3120, 0.2283

Background



This preview shows how black text looks on a background with the Yxy color 26.9753, 0.3120, 0.2283.

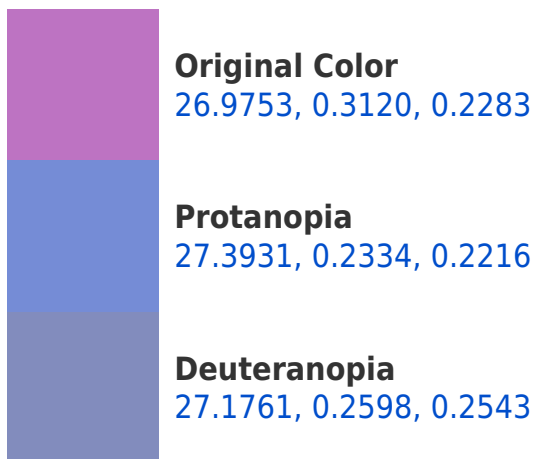


This preview shows how white text looks on a background with the Yxy color 26.9753, 0.3120, 0.2283.

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





Tritanopia

26.8086, 0.3659, 0.3148

Trichromacy



Original Color

26.9753, 0.3120, 0.2283



Protanomaly

26.5772, 0.2563, 0.2218



Deuteranomaly

26.5735, 0.2761, 0.2423



Tritanomaly

26.8249, 0.3453, 0.2805

Monochromacy



Original Color

26.9753, 0.3120, 0.2283



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

27.6537, 0.3136, 0.2874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9753, 0.3120, 0.2283 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(189, 115, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 115, 194)  
}
```

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(189, 115, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 115, 194) }
```

Border

The CSS property to change the border of an element to Yxy 26.9753, 0.3120, 0.2283 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(189, 115, 194) }
```

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

```
.border{ border-color:rgb(189, 115, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 115, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 115, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 115, 194);  
box-shadow:4px 4px 4px 4px rgb(189, 115,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9753, 0.3120, 0.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 115, 194) }
```

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

```
.background{ background-color: rgb(189,  
115, 194) }
```

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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