

Converting Colors

$Y_{xy}(26.8315, 0.3055, 0.2215)$

Have a look what the booklet for
Yxy(26.8315, 0.3055, 0.2215)
contains.

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Color

Yxy(26.8495, 0.3059, 0.2216)

Conversions

Conversions Part 1

Format	Color
Hex	BC72C7
RGB	188, 114, 199
RGB Percent	74%, 45%, 78%
CMY	0.2627, 0.5529, 0.2197
CMYK	0.06, 0.43, 0.00, 0.22
HSL	292°, 43%, 61%
HSV	292°, 43%, 78%
XYZ	37.0635, 26.8495, 57.2490
YIQ	145.8160, 16.8190, 42.1230

Conversions

Conversions Part 2

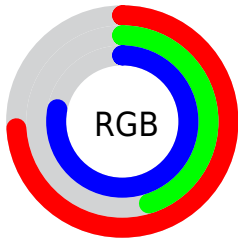
Format	Color
R _Y B	188, 114, 199
Decimal	12350151
CIE Lab	58.83, 42.73, -32.40
CIE LCh	59, 53.621, 322.829
Yxy	26.8495, 0.3059, 0.2216
Android (android.graphics.Color)	4290540231 (0xFFBC72C7)
YUV	145.8160, 26.2197, 36.9954
Hunter-Lab	51.8165, 36.9991, -29.2345

Details

The Yxy color **26.8495, 0.3059, 0.2216** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **46.4113, 0.3143, 0.4572**, and the grayscale version is **28.5518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8181, 0.3095, 0.2422**, and **10.5859, 0.3005, 0.1921** is the 20% darker color. If you saturate the color by 10%, you get **22.5157, 0.3034, 0.1984**, and if you desaturate by 10%, it is **32.1678, 0.3081, 0.2465**.

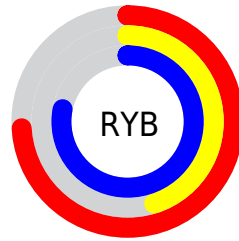
Distribution



Red (74%)

Green (45%)

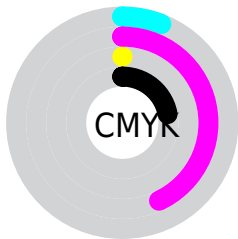
Blue (78%)



Red (74%)

Yellow (45%)

Blue (78%)

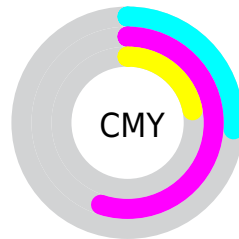


Cyan (6%)

Magenta (43%)

Yellow (0%)

Black (22%)



Cyan (26%)


Magenta (55%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8495, 0.3059, 0.2216 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 26.8495, 0.3059, 0.2216 by changing the saturation by 10% instead.


 26.8495, 0.3059,
0.2216


 26.8495, 0.3059,
0.2216


286.9277, 0.3113,
0.2749


 17.4602, 0.3039,
0.2086


 54.6423, 0.3084,
0.2408

 10.5632, 0.3009,
0.1923


 73.8146, 0.3091,
0.2480

 5.7739, 0.2962,
0.1712


 97.0166, 0.3097,
0.2542

 2.7081, 0.2884,
0.1431

124.6329, 0.3102,
0.2595

 0.9813, 0.2739,
0.1052

157.0477, 0.3106,
0.2641

 0.0000, 0.2582,
0.0000

194.6455, 0.3109,

 0.0000, 0.0000,

0.2681

0.0000

237.8107, 0.3111,
0.2717

■ 26.8495, 0.3059,
0.2216

■ 26.8495, 0.3059,
0.2216

■ 22.5157, 0.3034,
0.1984

■ 32.1678, 0.3081,
0.2465

■ 19.0988, 0.3005,
0.1779

■ 38.5253, 0.3099,
0.2722

■ 16.5286, 0.2974,
0.1610


■ 45.9769, 0.3113,
0.2978


■ 14.7226, 0.2941,
0.1484

■ 54.5726, 0.3125,
0.3225

■ 13.5822, 0.2908,
0.1401


■ 64.3591, 0.3133,
0.3460

 13.0382, 0.2883,
0.1362

 75.3809, 0.3139,
0.3680

 87.6797, 0.3143,
0.3882

 89.1347, 0.3157,
0.3896

 89.5117, 0.3174,
0.3893

Harmonies

Analogous

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



26.8495, 0.2281, 0.1989



26.8495, 0.3059, 0.2216



26.8495, 0.3986, 0.2653

Triad

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



26.8495, 0.3059, 0.2216



26.8495, 0.4529, 0.4481



26.8495, 0.1758, 0.3047

Complementary

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



26.8495, 0.3059, 0.2216



46.4113, 0.3143, 0.4572

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.



26.8495, 0.2230, 0.4030



26.8495, 0.3059, 0.2216



26.8495, 0.3826, 0.4917

Square

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



26.8495, 0.3059, 0.2216



26.8495, 0.4886, 0.3857



26.8495, 0.2987, 0.4812



26.8495, 0.1624, 0.2347

Rectangle

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



26.8495, 0.3059, 0.2216



26.8495, 0.4512, 0.3025



26.8495, 0.2987, 0.4812



26.8495, 0.1878, 0.3358

Sweetspot

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



26.8507, 0.3059, 0.2216



79.8397, 0.3113, 0.2965



22.4533, 0.2365, 0.2156



16.4314, 0.3110, 0.2908



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.



26.8507, 0.3059, 0.2216



40.0864, 0.3036, 0.2005



26.9962, 0.3526, 0.2599



10.7445, 0.3118, 0.3061



8.4127, 0.2888, 0.1365



0.4182, 0.2959, 0.1404

Inverse Universe

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



25.6559, 0.4081, 0.3147



37.8601, 0.4406, 0.3122



46.4648, 0.2873, 0.4110



10.6589, 0.3270, 0.3260



7.8621, 0.6220, 0.3200



0.3798, 0.5760, 0.2947

Previews

White Background



This preview shows how the Yxy color 26.8495, 0.3059, 0.2216 looks on a white background.

Color Contrast Check

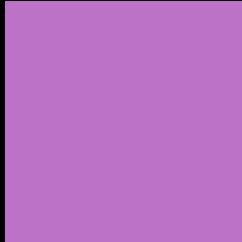
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8495, 0.3059, 0.2216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

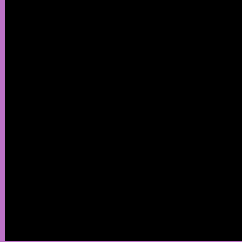
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8495, 0.3059, 0.2216

Background



This preview shows how black text looks on a background with the Yxy color 26.8495, 0.3059, 0.2216.



This preview shows how white text looks on a background with the Yxy color 26.8495, 0.3059, 0.2216.

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

26.8495, 0.3059, 0.2216

Protanopia

27.1433, 0.2271, 0.2128

Deuteranopia

27.0868, 0.2529, 0.2471



Tritanopia

26.9478, 0.3644, 0.3162

Trichromacy



Original Color

26.8495, 0.3059, 0.2216



Protanomaly

26.2942, 0.2500, 0.2143



Deuteranomaly

26.6077, 0.2701, 0.2358



Tritanomaly

26.7713, 0.3418, 0.2777

Monochromacy



Original Color

26.8495, 0.3059, 0.2216



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

27.3439, 0.3105, 0.2829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8495, 0.3059, 0.2216 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(188, 114, 199)` looks like.

```
.text, #text, p{  
    color:rgb(188, 114, 199)  
}
```

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(188, 114, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 114, 199) }
```

Border

The CSS property to change the border of an element to Yxy 26.8495, 0.3059, 0.2216 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(188, 114, 199) }
```

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

```
.border{ border-color:rgb(188, 114, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 114, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 114, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 114, 199);  
box-shadow:4px 4px 4px 4px rgb(188, 114,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8495, 0.3059, 0.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 114, 199) }
```

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

```
.background{ background-color: rgb(188,  
114, 199) }
```

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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