

Converting Colors

$Y_{xy}(26.2601, 0.3504, 0.2786)$

Have a look what the booklet for
Yxy(26.2601, 0.3504, 0.2786)
contains.

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Color

Yxy(26.2723, 0.3506, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	BA789C
RGB	186, 120, 156
RGB Percent	73%, 47%, 61%
CMY	0.2706, 0.5294, 0.3882
CMYK	0.00, 0.35, 0.16, 0.27
HSL	327°, 32%, 60%
HSV	327°, 35%, 73%
XYZ	32.9673, 26.2723, 34.7915
YIQ	143.8380, 27.7800, 25.1880

Conversions

Conversions Part 2

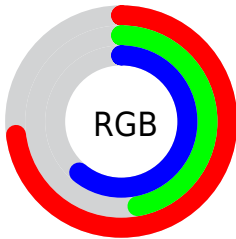
Format	Color
R _Y B	186, 120, 156
Decimal	12220572
CIE Lab	58.29, 31.07, -8.64
CIE LCh	58, 32.248, 344.465
Yxy	26.2723, 0.3506, 0.2794
Android (android.graphics.Color)	4290410652 (0xFFBA789C)
YUV	143.8380, 5.9959, 36.9761
Hunter-Lab	51.2565, 25.1093, -4.3649

Details

The Yxy color **26.2723, 0.3506, 0.2794** is a light color, and the websafe version is hex **996699**. A complement of this color would be **41.3121, 0.2871, 0.3849**, and the grayscale version is **27.7892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5950, 0.3433, 0.2895**, and **10.3058, 0.3640, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **21.9492, 0.3659, 0.2655**, and if you desaturate by 10%, it is **31.4867, 0.3375, 0.2938**.

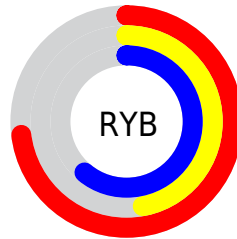
Distribution



Red (73%)

Green (47%)

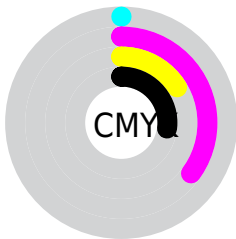
Blue (61%)



Red (73%)

Yellow (47%)

Blue (61%)

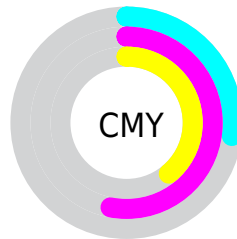


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2723, 0.3506, 0.2794 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 26.2723, 0.3506, 0.2794 by changing the saturation by 10% instead.


 26.2723, 0.3506,
0.2794


 26.2723, 0.3506,
0.2794

284.1162, 0.3304,
0.3056


 17.0275, 0.3561,
0.2724

 53.7139, 0.3429,
0.2892

 10.2541, 0.3635,
0.2631


 72.6795, 0.3401,
0.2928

 5.5677, 0.3739,
0.2503


 95.6541, 0.3378,
0.2958

 2.5841, 0.3896,
0.2313

123.0221, 0.3359,
0.2984

 0.9187, 0.4159,
0.2007

155.1679, 0.3342,
0.3006

 0.0000, 0.5925,
0.0000

192.4759, 0.3327,

 0.0000, 0.0000,

0.3024

0.0000

235.3306, 0.3315,
0.3041

■ 26.2723, 0.3506,
0.2794

■ 26.2723, 0.3506,
0.2794

■ 21.9492, 0.3659,
0.2655

■ 31.4867, 0.3375,
0.2938

■ 18.4628, 0.3834,
0.2529

■ 37.6356, 0.3264,
0.3081

■ 15.7583, 0.4030,
0.2427

■ 44.7638, 0.3171,
0.3218


■ 13.7725, 0.4240,
0.2361


■ 52.9119, 0.3094,
0.3348

■ 12.4324, 0.4457,
0.2341

■ 62.1185, 0.3030,
0.3468

 11.6476, 0.4671,
0.2375

 72.4200, 0.2977,
0.3580

 11.3881, 0.4767,
0.2400

 83.8512, 0.2933,
0.3682

 87.3202, 0.2890,
0.3636

 87.7892, 0.2846,
0.3540

Harmonies

Analogous

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



26.2723, 0.2950, 0.2529



26.2723, 0.3506, 0.2794



26.2723, 0.3986, 0.3172

Triad

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



26.2723, 0.3506, 0.2794



26.2723, 0.3745, 0.4253



26.2723, 0.2151, 0.2831

Complementary

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



26.2723, 0.3506, 0.2794



41.3121, 0.2871, 0.3849

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.



26.2723, 0.2324, 0.3327



26.2723, 0.3506, 0.2794



26.2723, 0.3228, 0.4230

Square

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



26.2723, 0.3506, 0.2794



26.2723, 0.4114, 0.3996



26.2723, 0.2709, 0.3872



26.2723, 0.2209, 0.2522

Rectangle

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



26.2723, 0.3506, 0.2794



26.2723, 0.4172, 0.3455



26.2723, 0.2709, 0.3872



26.2723, 0.2183, 0.2979

Sweetspot

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



26.2735, 0.3506, 0.2794



73.5510, 0.3222, 0.3141



23.4347, 0.2782, 0.2320



15.8175, 0.3235, 0.3122



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.2735, 0.3506, 0.2794



41.0587, 0.3630, 0.2679



25.3104, 0.3919, 0.3246



9.0920, 0.3205, 0.3166



7.6770, 0.4741, 0.2386



0.2829, 0.4245, 0.2112

Inverse Universe

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



26.2735, 0.3506, 0.2794



41.0587, 0.3630, 0.2679



42.5168, 0.2655, 0.3337



9.0920, 0.3205, 0.3166



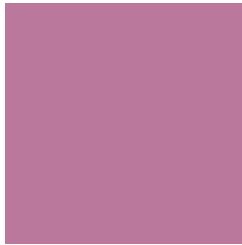
7.6770, 0.4741, 0.2386



0.2829, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 26.2723, 0.3506, 0.2794 looks on a white background.

Color Contrast Check

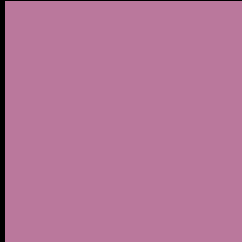
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2723, 0.3506, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

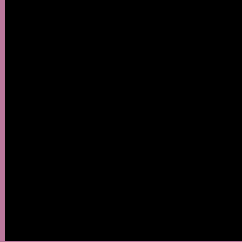
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2723, 0.3506, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 26.2723, 0.3506, 0.2794.



This preview shows how white text looks on a background with the Yxy color 26.2723, 0.3506, 0.2794.

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

26.2723, 0.3506, 0.2794

Protanopia

26.3981, 0.2794, 0.2812

Deuteranopia

26.4871, 0.3085, 0.3037



Tritanopia

26.2038, 0.3730, 0.3149

Trichromacy



Original Color

26.2723, 0.3506, 0.2794

Protanomaly

25.9552, 0.3030, 0.2800

Deuteranomaly

26.2471, 0.3234, 0.2942

Tritanomaly

26.3093, 0.3646, 0.3023

Monochromacy



Original Color

26.2723, 0.3506, 0.2794

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8370, 0.3259, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2723, 0.3506, 0.2794 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(186, 120, 156)` looks like.

```
.text, #text, p{  
    color:rgb(186, 120, 156)  
}
```

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(186, 120, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 120, 156) }
```

Border

The CSS property to change the border of an element to Yxy 26.2723, 0.3506, 0.2794 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(186, 120, 156) }
```

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

```
.border{ border-color:rgb(186, 120, 156) }
```

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

Here you see how a box with a 4 pixel rgb(186, 120, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 120, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 120, 156);  
box-shadow:4px 4px 4px 4px rgb(186, 120,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2723, 0.3506, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 120, 156) }
```

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

```
.background{ background-color: rgb(186,  
120, 156) }
```

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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