

Converting Colors

$Y_{xy}(26.4206, 0.3374, 0.2560)$

Have a look what the booklet for
Yxy(26.4206, 0.3374, 0.2560)
contains.

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Color

Yxy(26.3782, 0.3382, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	BE74AB
RGB	190, 116, 171
RGB Percent	75%, 45%, 67%
CMY	0.2548, 0.5451, 0.3294
CMYK	0.00, 0.39, 0.10, 0.25
HSL	315°, 36%, 60%
HSV	315°, 39%, 75%
XYZ	34.8345, 26.3782, 41.7869
YIQ	144.3960, 26.4490, 32.7930

Conversions

Conversions Part 2

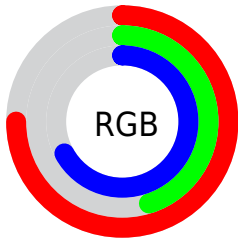
Format	Color
RYB	190, 116, 171
Decimal	12481707
CIELab	58.39, 37.15, -17.08
CIELCh	58, 40.888, 335.315
Yxy	26.3782, 0.3382, 0.2561
Android (android.graphics.Color)	4290671787 (0xFFBE74AB)
YUV	144.3960, 13.1158, 39.9947
Hunter-Lab	51.3597, 31.1872, -12.2873

Details

The Yxy color **26.3782, 0.3382, 0.2561** is a light color, and the websafe version is hex **996699**. A complement of this color would be **42.2956, 0.2946, 0.4155**, and the grayscale version is **27.9966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6411, 0.3335, 0.2699**, and **10.2634, 0.3449, 0.2327** is the 20% darker color. If you saturate the color by 10%, you get **22.2553, 0.3470, 0.2383**, and if you desaturate by 10%, it is **31.4063, 0.3303, 0.2750**.

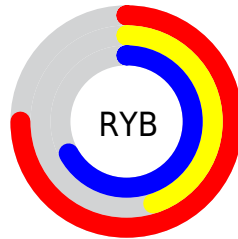
Distribution



Red (75%)

Green (45%)

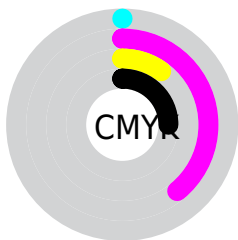
Blue (67%)



Red (75%)

Yellow (45%)

Blue (67%)

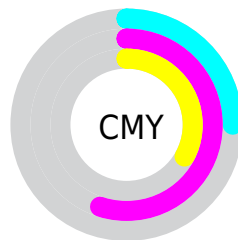


Cyan (0%)

Magenta (39%)

Yellow (10%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3782, 0.3382, 0.2561 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 26.3782, 0.3382, 0.2561 by changing the saturation by 10% instead.


 26.3782, 0.3382,
0.2561


 26.3782, 0.3382,
0.2561


284.6337, 0.3253,
0.2936

 17.1068, 0.3414,
0.2464


 53.8844, 0.3335,
0.2700

 10.3107, 0.3456,
0.2339


 72.8881, 0.3317,
0.2751

 5.6054, 0.3510,
0.2169


 95.9046, 0.3303,
0.2794

 2.6067, 0.3585,
0.1929

123.3183, 0.3290,
0.2831

 0.9300, 0.3691,
0.1567

155.5137, 0.3279,
0.2863

 0.0000, 0.4244,
0.0000

192.8751, 0.3269,

 0.0000, 0.0000,

0.2890

0.0000

235.7870, 0.3261,
0.2915

■ 26.3782, 0.3382,
0.2561

■ 26.3782, 0.3382,
0.2561

■ 22.2553, 0.3470,
0.2383

■ 31.4063, 0.3303,
0.2750

■ 18.9788, 0.3566,
0.2225

■ 37.3864, 0.3234,
0.2941

■ 16.4889, 0.3668,
0.2098


■ 44.3664, 0.3174,
0.3128


■ 14.7163, 0.3773,
0.2010


■ 52.3898, 0.3122,
0.3308


■ 13.5794, 0.3877,
0.1969

■ 61.4977, 0.3079,
0.3478


 12.9371, 0.3978,
0.1970

 71.7288, 0.3042,
0.3637

 12.8788, 0.3989,
0.1971

 83.1200, 0.3011,
0.3783

 87.1244, 0.2985,
0.3789

 87.3715, 0.2959,
0.3733

Harmonies

Analogous

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



26.3782, 0.2701, 0.2296



26.3782, 0.3382, 0.2561



26.3782, 0.4054, 0.2980

Triad

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



26.3782, 0.3382, 0.2561



26.3782, 0.4052, 0.4418



26.3782, 0.1958, 0.2864

Complementary

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



26.3782, 0.3382, 0.2561



42.2956, 0.2946, 0.4155

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.



26.3782, 0.2242, 0.3545



26.3782, 0.3382, 0.2561



26.3782, 0.3439, 0.4553

Square

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



26.3782, 0.3382, 0.2561



26.3782, 0.4441, 0.3999



26.3782, 0.2776, 0.4226



26.3782, 0.1947, 0.2414

Rectangle

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



26.3782, 0.3382, 0.2561



26.3782, 0.4366, 0.3311



26.3782, 0.2776, 0.4226



26.3782, 0.2022, 0.3071

Sweetspot

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



26.3794, 0.3382, 0.2561



76.0837, 0.3192, 0.3068



21.3177, 0.2590, 0.2169



16.3344, 0.3200, 0.3043



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.3794, 0.3382, 0.2561



41.1317, 0.3459, 0.2403



25.1741, 0.3838, 0.3036



9.6533, 0.3176, 0.3121



8.5754, 0.3976, 0.1964



0.3460, 0.3755, 0.1842

Inverse Universe

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



26.3794, 0.3382, 0.2561



41.1317, 0.3459, 0.2403



43.5060, 0.2707, 0.3567



9.6533, 0.3176, 0.3121



8.5754, 0.3976, 0.1964



0.3460, 0.3755, 0.1842

Previews

White Background



This preview shows how the Yxy color 26.3782, 0.3382, 0.2561 looks on a white background.

Color Contrast Check

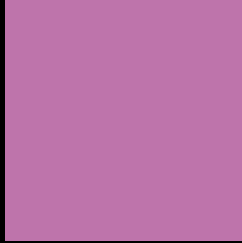
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3782, 0.3382, 0.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

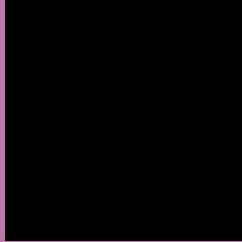
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3782, 0.3382, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 26.3782, 0.3382, 0.2561.



This preview shows how white text looks on a background with the Yxy color 26.3782, 0.3382, 0.2561.

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

26.3782, 0.3382, 0.2561

Protanopia

26.6081, 0.2578, 0.2535

Deuteranopia

26.7178, 0.2889, 0.2836



Tritanopia

26.5479, 0.3778, 0.3165

Trichromacy



Original Color

26.3782, 0.3382, 0.2561

Protanomaly

26.0940, 0.2829, 0.2534

Deuteranomaly

26.1633, 0.3055, 0.2724

Tritanomaly

26.3461, 0.3625, 0.2930

Monochromacy



Original Color

26.3782, 0.3382, 0.2561

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9604, 0.3219, 0.2987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3782, 0.3382, 0.2561 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(190, 116, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 171)  
}
```

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(190, 116, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 171) }
```

Border

The CSS property to change the border of an element to Yxy 26.3782, 0.3382, 0.2561 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(190, 116, 171) }
```

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

```
.border{ border-color:rgb(190, 116, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 116, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 171);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3782, 0.3382, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 171) }
```

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

```
.background{ background-color: rgb(190,  
116, 171) }
```

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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