

Converting Colors

$Y_{xy}(26.6327, 0.3460, 0.3105)$

Have a look what the booklet for
Yxy(26.6327, 0.3460, 0.3105)
contains.

Yxy(26.6064, 0.3462, 0.3097)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6064, 0.3462, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	AB828F
RGB	171, 130, 143
RGB Percent	67%, 51%, 56%
CMY	0.3293, 0.4902, 0.4391
CMYK	0.00, 0.24, 0.16, 0.33
HSL	341°, 20%, 59%
HSV	341°, 24%, 67%
XYZ	29.7421, 26.6064, 29.5617
YIQ	143.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

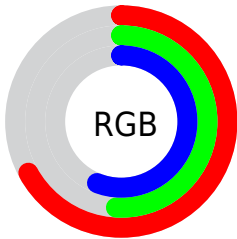
Format	Color
RYB	171, 130, 143
Decimal	11240079
CIELab	58.61, 17.87, -0.87
CIElCh	59, 17.888, 357.212
Yxy	26.6064, 0.3462, 0.3097
Android (android.graphics.Color)	4289430159 (0xFFAB828F)
YUV	143.7410, -0.3653, 23.9061
Hunter-Lab	51.5814, 12.6567, 2.1274

Details

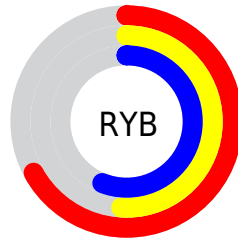
The Yxy color $26.6064, 0.3462, 0.3097$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.3533, 0.2877, 0.3493$, and the grayscale version is $27.7775, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2291, 0.3390, 0.3133$, and $10.3792, 0.3580, 0.3017$ is the 20% darker color. If you saturate the color by 10%, you get $22.0944, 0.3655, 0.3012$, and if you desaturate by 10%, it is $31.9140, 0.3303, 0.3180$.

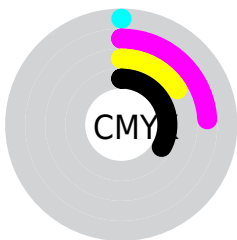
Distribution



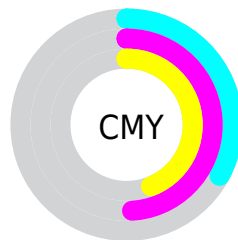
- Red (67%)
- Green (51%)
- Blue (56%)



- Red (67%)
- Yellow (51%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6064, 0.3462, 0.3097 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 26.6064, 0.3462, 0.3097 by changing the saturation by 10% instead.


 26.6064, 0.3462,
0.3097


 26.6064, 0.3462,
0.3097


285.7463, 0.3279,
0.3202


 17.2778, 0.3514,
0.3068


 54.2516, 0.3391,
0.3137

 10.4328, 0.3584,
0.3028

 73.3371, 0.3366,
0.3152

 5.6868, 0.3685,
0.2970

 96.4436, 0.3345,
0.3164

 2.6556, 0.3844,
0.2880

123.9556, 0.3328,
0.3174

 0.9547, 0.4128,
0.2722

156.2575, 0.3313,
0.3183

 0.0000, 1.0000,
0.0000

193.7336, 0.3300,

 0.0000, 0.0000,

0.3190

0.0000

236.7684, 0.3289,
0.3196

■ 26.6064, 0.3462,
0.3097

■ 26.6064, 0.3462,
0.3097

■ 22.0944, 0.3655,
0.3012

■ 31.9140, 0.3303,
0.3180

■ 18.3357, 0.3888,
0.2929

■ 38.0493, 0.3172,
0.3260

■ 15.2900, 0.4162,
0.2856


■ 45.0471, 0.3066,
0.3334

■ 12.9115, 0.4476,
0.2801


■ 52.9394, 0.2979,
0.3402

■ 11.1489, 0.4819,
0.2777


■ 61.7561, 0.2907,
0.3464


 9.9435, 0.5170,
0.2793

 71.5261, 0.2848,
0.3521

 9.2250, 0.5501,
0.2857

 82.2768, 0.2799,
0.3573

 8.9312, 0.5686,
0.2906

 86.2620, 0.2746,
0.3496

 86.9646, 0.2690,
0.3364

Harmonies

Analogous

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



26.6064, 0.3165, 0.2904



26.6064, 0.3462, 0.3097



26.6064, 0.3671, 0.3342

Triad

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



26.6064, 0.3462, 0.3097



26.6064, 0.3368, 0.3828



26.6064, 0.2562, 0.2955

Complementary

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



26.6064, 0.3462, 0.3097



36.3533, 0.2877, 0.3493

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.



26.6064, 0.2611, 0.3199



26.6064, 0.3462, 0.3097



26.6064, 0.3067, 0.3726

Square

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



26.6064, 0.3462, 0.3097



26.6064, 0.3611, 0.3769



26.6064, 0.2792, 0.3487



26.6064, 0.2655, 0.2816

Rectangle

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



26.6064, 0.3462, 0.3097



26.6064, 0.3727, 0.3508



26.6064, 0.2792, 0.3487



26.6064, 0.2563, 0.3027

Sweetspot

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



26.6076, 0.3462, 0.3097



64.5187, 0.3210, 0.3236



26.1072, 0.3007, 0.2679



14.2451, 0.3218, 0.3231



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



26.6076, 0.3462, 0.3097



43.0059, 0.3564, 0.3050



28.1161, 0.3591, 0.3394



8.0557, 0.3238, 0.3218



6.7383, 0.5660, 0.2891



0.1975, 0.4803, 0.2420

Inverse Universe

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



26.6076, 0.3462, 0.3097



43.0059, 0.3564, 0.3050



34.3073, 0.2772, 0.3183



8.0557, 0.3238, 0.3218



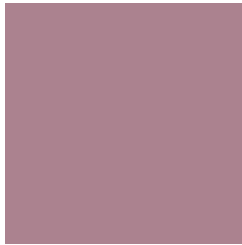
6.7383, 0.5660, 0.2891



0.1975, 0.4803, 0.2420

Previews

White Background



This preview shows how the Yxy color 26.6064, 0.3462, 0.3097 looks on a white background.

Color Contrast Check

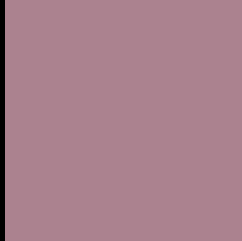
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6064, 0.3462, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

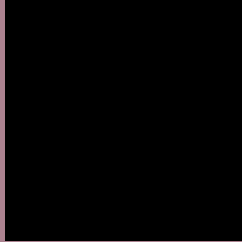
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6064, 0.3462, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 26.6064, 0.3462, 0.3097.



This preview shows how white text looks on a background with the Yxy color 26.6064, 0.3462, 0.3097.

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

26.6064, 0.3462, 0.3097

Protanopia

26.5888, 0.3049, 0.3144

Deuteranopia

26.7143, 0.3264, 0.3211



Tritanopia

26.5166, 0.3496, 0.3142

Trichromacy



Original Color

26.6064, 0.3462, 0.3097

Protanomaly

26.3903, 0.3191, 0.3116

Deuteranomaly

26.4768, 0.3337, 0.3167

Tritanomaly

26.5463, 0.3485, 0.3127

Monochromacy



Original Color

26.6064, 0.3462, 0.3097

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.3489, 0.3240, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6064, 0.3462, 0.3097 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, 130, 143)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 143)  
}
```

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, 130, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.6064, 0.3462, 0.3097 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, 130, 143) }
```

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

```
.border{ border-color:rgb(171, 130, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 130, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 130, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 130, 143);  
box-shadow:4px 4px 4px 4px rgb(171, 130,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6064, 0.3462, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 143) }
```

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

```
.background{ background-color: rgb(171,  
130, 143) }
```

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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